

<b>Category</b>	<b>EU code</b>
I. Electronics	X.C.I.002.c.1
I. Electronics	X.C.I.002.c.2
I. Electronics	X.C.I.002.c.3
I. Electronics	X.C.I.002.c.4
I. Electronics	X.C.I.002.c.5
I. Electronics	X.C.I.002.d
I. Electronics	X.C.I.002.d
I. Electronics	X.C.I.002.e
I. Electronics	X.C.I.002.e
I. Electronics	X.D.I.001
I. Electronics	X.D.I.002
I. Electronics	X.E.I.001
I. Electronics	X.E.I.002
II. Computers	X.A.II.001.a
II. Computers	X.A.II.001.a
II. Computers	X.A.II.001.a
II. Computers	X.A.II.001.a
II. Computers	X.A.II.001.b
II. Computers	X.A.II.001.b

II. Computers	X.A.II.001.b
II. Computers	X.A.II.001.b
II. Computers	X.A.II.001.c
II. Computers	X.A.II.001.c
II. Computers	X.A.II.001.c
II. Computers	X.A.II.001.c
II. Computers	X.A.II.001.f
II. Computers	X.A.II.001.f
II. Computers	X.A.II.001.f
II. Computers	X.A.II.001.f
II. Computers	X.A.II.001.i
II. Computers	X.A.II.001.i
II. Computers	X.A.II.001.i

II. Computers	X.A.II.001.i
II. Computers	X.A.II.001.j
II. Computers	X.A.II.001.j
II. Computers	X.A.II.001.j
II. Computers	X.A.II.001.j
II. Computers	X.A.II.001.k
II. Computers	X.A.II.001.k
II. Computers	X.A.II.001.k

II. Computers	X.A.II.001.k
II. Computers	X.D.II.001
II. Computers	X.D.II.002
II. Computers	X.E.II.001
II. Computers	X.E.II.002
III. Telecommunications and Informatio	X.A.III.101.a
III. Telecommunications and Informatio	X.A.III.101.a
III. Telecommunications and Informatio	X.A.III.101.a

III. Telecommunications and Informatio	X.A.III.101.a
III. Telecommunications and Informatio	X.A.III.101.a
III. Telecommunications and Informatio	X.A.III.101.b.1
III. Telecommunications and Informatio	X.A.III.101.b.1
III. Telecommunications and Informatio	X.A.III.101.b.1
III. Telecommunications and Informatio	X.A.III.101.b.1
III. Telecommunications and Informatio	X.A.III.101.b.2
III. Telecommunications and Informatio	X.A.III.101.b.2
III. Telecommunications and Informatio	X.A.III.101.b.2
III. Telecommunications and Informatio	X.A.III.101.b.2
III. Telecommunications and Informatio	X.A.III.101.b.3
III. Telecommunications and Informatio	X.A.III.101.b.3

III. Telecommunications and Informatio	X.A.III.101.b.3
III. Telecommunications and Informatio	X.A.III.101.b.3
III. Telecommunications and Informatio	X.A.III.101.b.4
III. Telecommunications and Informatio	X.A.III.101.b.4
III. Telecommunications and Informatio	X.A.III.101.b.4
III. Telecommunications and Informatio	X.A.III.101.b.4
III. Telecommunications and Informatio	X.A.III.101.b.5
III. Telecommunications and Informatio	X.A.III.101.b.5
III. Telecommunications and Informatio	X.A.III.101.b.5
III. Telecommunications and Informatio	X.A.III.101.b.5
III. Telecommunications and Informatio	X.A.III.101.b.6
III. Telecommunications and Informatio	X.A.III.101.b.6
III. Telecommunications and Informatio	X.A.III.101.b.6
III. Telecommunications and Informatio	X.A.III.101.b.6

III. Telecommunications and Informatio	X.A.III.101.b.7
III. Telecommunications and Informatio	X.A.III.101.b.7
III. Telecommunications and Informatio	X.A.III.101.b.7
III. Telecommunications and Informatio	X.A.III.101.b.7
III. Telecommunications and Informatio	X.A.III.101.c.1
III. Telecommunications and Informatio	X.A.III.101.c.3
III. Telecommunications and Informatio	X.A.III.101.c.5
III. Telecommunications and Informatio	X.A.III.101.c.6
III. Telecommunications and Informatio	X.A.III.101.c.7
III. Telecommunications and Informatio	X.A.III.101.c.8
III. Telecommunications and Informatio	X.A.III.101.c.9





III. Telecommunications and Informatio	X.B.III.101
III. Telecommunications and Informatio	X.B.III.101
III. Telecommunications and Informatio	X.B.III.101
III. Telecommunications and Informatio	X.B.III.101
III. Telecommunications and Informatio	X.B.III.101
III. Telecommunications and Informatio	X.C.III.101
III. Telecommunications and Informatio	X.D.III.101
III. Telecommunications and Informatio	X.A.III.101.h
III. Telecommunications and Informatio	X.A.III.201
III. Telecommunications and Informatio	X.D.III.201
III. Telecommunications and Informatio	X.E.III.201
IV. Sensors and Lasers	X.A.IV.001

IV. Sensors and Lasers	X.A.IV.002.a
IV. Sensors and Lasers	X.A.IV.002.b
IV. Sensors and Lasers	X.A.IV.003
IV. Sensors and Lasers	X.A.IV.004.a
IV. Sensors and Lasers	X.A.IV.004.b
IV. Sensors and Lasers	X.A.IV.005.a
IV. Sensors and Lasers	X.A.IV.005.b
IV. Sensors and Lasers	X.A.IV.005.b

IV. Sensors and Lasers	X.A.IV.005.c
IV. Sensors and Lasers	X.A.IV.005.d
IV. Sensors and Lasers	X.A.IV.005.e
IV. Sensors and Lasers	X.A.IV.005.f

IV. Sensors and Lasers	X.A.IV.005.g
IV. Sensors and Lasers	X.A.IV.006
IV. Sensors and Lasers	X.A.IV.007

IV. Sensors and Lasers	X.A.IV.008
IV. Sensors and Lasers	X.A.IV.009.a
IV. Sensors and Lasers	X.A.IV.009.b
IV. Sensors and Lasers	X.A.IV.009.c
IV. Sensors and Lasers	X.B.IV.001.a
IV. Sensors and Lasers	X.B.IV.001.b
IV. Sensors and Lasers	X.C.IV.001
IV. Sensors and Lasers	X.C.IV.002.a
IV. Sensors and Lasers	X.C.IV.002.a
IV. Sensors and Lasers	X.C.IV.002.b
IV. Sensors and Lasers	X.D.IV.001
IV. Sensors and Lasers	X.D.IV.002

IV. Sensors and Lasers	X.D.IV.003
IV. Sensors and Lasers	X.E.IV.001
IV. Sensors and Lasers	X.E.IV.002
IV. Sensors and Lasers	X.E.IV.003
V. Navigation and Avionics	X.A.V.001
V. Navigation and Avionics	X.A.V.001
V. Navigation and Avionics	X.A.V.001
V. Navigation and Avionics	X.A.V.001
V. Navigation and Avionics	X.A.V.001
V. Navigation and Avionics	X.A.V.001
V. Navigation and Avionics	X.A.V.001
V. Navigation and Avionics	X.B.V.001
V. Navigation and Avionics	X.D.V.001

V. Navigation and Avionics	X.E.V.001
VI. Marine	X.A.VI.001.a
VI. Marine	X.A.VI.001.b
VI. Marine	X.A.VI.001.c
VI. Marine	X.A.VI.001.d
VI. Marine	X.A.VI.001.e
VI. Marine	X.A.VI.001.e
VI. Marine	X.A.VI.001.e
VI. Marine	X.A.VI.001.e
VI. Marine	X.A.VI.001.e
VI. Marine	X.A.VI.001.f
VI. Marine	X.A.VI.001.f
VI. Marine	X.A.VI.001.f
VI. Marine	X.A.VI.001.f
VI. Marine	X.A.VI.001.f







VI. Marine	X.A.VI.001.g
VI. Marine	X.A.VI.001.g
VI. Marine	X.A.VI.001.g
VI. Marine	X.A.VI.001.g
VI. Marine	X.A.VI.001.g
VI. Marine	X.A.VI.001.g
VI. Marine	X.A.VI.001.g
VI. Marine	X.A.VI.001.g
VI. Marine	X.A.VI.001.g
VI. Marine	X.A.VI.001.g
VI. Marine	X.A.VI.001.g
VI. Marine	X.A.VI.001.g
VI. Marine	X.A.VI.001.g
VI. Marine	X.A.VI.001.g
VI. Marine	X.A.VI.001.g
VI. Marine	X.A.VI.001.h
VI. Marine	X.A.VI.001.i
VI. Marine	X.A.VI.001.i
VI. Marine	X.A.VI.001.j
VI. Marine	X.A.VI.001.j
VI. Marine	X.A.VI.001.j
VI. Marine	X.A.VI.001.k

VI. Marine	X.D.VI.001
VI. Marine	X.D.VI.002
VI. Marine	X.E.VI.001
VII. Aerospace and Propulsion	X.A.VII.001.a
VII. Aerospace and Propulsion	X.A.VII.001.a
VII. Aerospace and Propulsion	X.A.VII.001.b
VII. Aerospace and Propulsion	X.A.VII.001.c
VII. Aerospace and Propulsion	X.A.VII.002.c
VII. Aerospace and Propulsion	X.A.VII.002.c
VII. Aerospace and Propulsion	X.A.VII.002.c
VII. Aerospace and Propulsion	X.A.VII.002.c
VII. Aerospace and Propulsion	X.A.VII.002.c
VII. Aerospace and Propulsion	X.A.VII.002.c
VII. Aerospace and Propulsion	X.A.VII.002.c
VII. Aerospace and Propulsion	X.A.VII.003
VII. Aerospace and Propulsion	X.A.VII.003
VII. Aerospace and Propulsion	X.A.VII.003
VII. Aerospace and Propulsion	X.A.VII.003



VII. Aerospace and Propulsion	X.A.VII.003
VII. Aerospace and Propulsion	X.A.VII.002.e
VII. Aerospace and Propulsion	X.A.VII.002.e
VII. Aerospace and Propulsion	X.B.VII.001
VII. Aerospace and Propulsion	X.B.VII.001
VII. Aerospace and Propulsion	X.B.VII.002.a
VII. Aerospace and Propulsion	X.B.VII.002.b
VII. Aerospace and Propulsion	X.B.VII.002.b
VII. Aerospace and Propulsion	X.B.VII.002.b
VII. Aerospace and Propulsion	X.B.VII.002.b
VII. Aerospace and Propulsion	X.B.VII.002.b
VII. Aerospace and Propulsion	X.B.VII.002.b
VII. Aerospace and Propulsion	X.B.VII.002.c
VII. Aerospace and Propulsion	X.B.VII.002.d
VII. Aerospace and Propulsion	X.B.VII.002.d
VII. Aerospace and Propulsion	X.B.VII.002.d
VII. Aerospace and Propulsion	X.B.VII.002.e
VII. Aerospace and Propulsion	X.B.VII.002.f
VII. Aerospace and Propulsion	X.B.VII.002.f
VII. Aerospace and Propulsion	X.D.VII.001
VII. Aerospace and Propulsion	X.D.VII.002
VII. Aerospace and Propulsion	X.E.VII.001
VII. Aerospace and Propulsion	X.E.VII.002
VII. Aerospace and Propulsion	X.E.VII.003

VIII. Miscellaneous items	X.A.VIII.001.a
VIII. Miscellaneous items	X.A.VIII.001.b
VIII. Miscellaneous items	X.A.VIII.001.c
VIII. Miscellaneous items	X.A.VIII.001.d
VIII. Miscellaneous items	X.A.VIII.002
VIII. Miscellaneous items	X.A.VIII.002
VIII. Miscellaneous items	X.A.VIII.002
VIII. Miscellaneous items	X.A.VIII.002
VIII. Miscellaneous items	X.A.VIII.002
VIII. Miscellaneous items	X.A.VIII.003
VIII. Miscellaneous items	X.A.VIII.003
VIII. Miscellaneous items	X.A.VIII.004
VIII. Miscellaneous items	X.A.VIII.005.a
VIII. Miscellaneous items	X.A.VIII.005.b
VIII. Miscellaneous items	X.A.VIII.005.b
VIII. Miscellaneous items	X.A.VIII.005.c
VIII. Miscellaneous items	X.A.VIII.006
VIII. Miscellaneous items	X.A.VIII.006
VIII. Miscellaneous items	X.A.VIII.006
VIII. Miscellaneous items	X.A.VIII.007
VIII. Miscellaneous items	X.A.VIII.007
VIII. Miscellaneous items	X.A.VIII.008
VIII. Miscellaneous items	X.A.VIII.008

VIII. Miscellaneous items	X.A.VIII.008
VIII. Miscellaneous items	X.A.VIII.008
VIII. Miscellaneous items	X.A.VIII.009.a
VIII. Miscellaneous items	X.A.VIII.009.a
VIII. Miscellaneous items	X.A.VIII.009.a
VIII. Miscellaneous items	X.A.VIII.009.b
VIII. Miscellaneous items	X.A.VIII.009.b
VIII. Miscellaneous items	X.A.VIII.009.b
VIII. Miscellaneous items	X.A.VIII.010.a
VIII. Miscellaneous items	X.A.VIII.010.b
VIII. Miscellaneous items	X.A.VIII.010.c
VIII. Miscellaneous items	X.A.VIII.010.d
VIII. Miscellaneous items	X.A.VIII.010.e
VIII. Miscellaneous items	X.A.VIII.010.f
VIII. Miscellaneous items	X.A.VIII.011
VIII. Miscellaneous items	X.A.VIII.012
VIII. Miscellaneous items	X.A.VIII.012
VIII. Miscellaneous items	X.A.VIII.013
VIII. Miscellaneous items	X.A.VIII.013
VIII. Miscellaneous items	X.A.VIII.013
VIII. Miscellaneous items	X.A.VIII.013
VIII. Miscellaneous items	X.A.VIII.013
VIII. Miscellaneous items	X.A.VIII.014
VIII. Miscellaneous items	X.A.VIII.014
VIII. Miscellaneous items	X.A.VIII.015

VIII. Miscellaneous items	X.A.VIII.016
VIII. Miscellaneous items	X.A.VIII.016
VIII. Miscellaneous items	X.A.VIII.017
VIII. Miscellaneous items	X.A.VIII.017
VIII. Miscellaneous items	X.A.VIII.017
VIII. Miscellaneous items	X.A.VIII.017
VIII. Miscellaneous items	X.A.VIII.018.b
VIII. Miscellaneous items	X.A.VIII.019
VIII. Miscellaneous items	X.A.VIII.019
VIII. Miscellaneous items	X.A.VIII.019
VIII. Miscellaneous items	X.A.VIII.019
VIII. Miscellaneous items	X.A.VIII.020.a
VIII. Miscellaneous items	X.A.VIII.020.a
VIII. Miscellaneous items	X.A.VIII.020.b
VIII. Miscellaneous items	X.A.VIII.020.b
VIII. Miscellaneous items	X.A.VIII.020.c
VIII. Miscellaneous items	X.A.VIII.020.c
VIII. Miscellaneous items	X.A.VIII.021.a
VIII. Miscellaneous items	X.A.VIII.021.a
VIII. Miscellaneous items	X.A.VIII.021.a
VIII. Miscellaneous items	X.A.VIII.021.b
VIII. Miscellaneous items	X.A.VIII.021.c
VIII. Miscellaneous items	X.A.VIII.021.d



VIII. Miscellaneous items	X.A.VIII.021.d
VIII. Miscellaneous items	X.A.VIII.021.d
VIII. Miscellaneous items	X.A.VIII.021.d
VIII. Miscellaneous items	X.A.VIII.021.d
VIII. Miscellaneous items	X.A.VIII.021.e
VIII. Miscellaneous items	X.A.VIII.021.e
VIII. Miscellaneous items	X.A.VIII.021.f
VIII. Miscellaneous items	X.A.VIII.021.f
VIII. Miscellaneous items	X.A.VIII.021.f
VIII. Miscellaneous items	X.A.VIII.021.g.1
VIII. Miscellaneous items	X.A.VIII.021.g.2
VIII. Miscellaneous items	X.A.VIII.021.g.3
VIII. Miscellaneous items	X.A.VIII.021.g.4
VIII. Miscellaneous items	X.A.VIII.021.g.5
VIII. Miscellaneous items	X.A.VIII.021.g.6
VIII. Miscellaneous items	X.A.VIII.021.g.7
VIII. Miscellaneous items	X.A.VIII.021.g.8
VIII. Miscellaneous items	X.A.VIII.021.g.9
VIII. Miscellaneous items	X.A.VIII.021.g.10
VIII. Miscellaneous items	X.A.VIII.022.a.1
VIII. Miscellaneous items	X.A.VIII.022.a.2
VIII. Miscellaneous items	X.A.VIII.022.a.3
VIII. Miscellaneous items	X.A.VIII.022.a.4
VIII. Miscellaneous items	X.A.VIII.022.a.5



VIII. Miscellaneous items	X.C.VIII.001
VIII. Miscellaneous items	X.C.VIII.001
VIII. Miscellaneous items	X.C.VIII.001
VIII. Miscellaneous items	X.C.VIII.001
VIII. Miscellaneous items	X.C.VIII.002.a
VIII. Miscellaneous items	X.C.VIII.002.b
VIII. Miscellaneous items	X.C.VIII.002.c
VIII. Miscellaneous items	X.C.VIII.002.c
VIII. Miscellaneous items	X.C.VIII.002.c
VIII. Miscellaneous items	X.C.VIII.002.c
VIII. Miscellaneous items	X.C.VIII.002.c
VIII. Miscellaneous items	X.C.VIII.002.c
VIII. Miscellaneous items	X.C.VIII.002.c
VIII. Miscellaneous items	X.C.VIII.002.c
VIII. Miscellaneous items	X.C.VIII.002.c
VIII. Miscellaneous items	X.C.VIII.002.d
VIII. Miscellaneous items	X.C.VIII.002.e
VIII. Miscellaneous items	X.C.VIII.002.f
VIII. Miscellaneous items	X.C.VIII.003
VIII. Miscellaneous items	X.C.VIII.003
VIII. Miscellaneous items	X.C.VIII.003
VIII. Miscellaneous items	X.C.VIII.003
VIII. Miscellaneous items	X.C.VIII.004
VIII. Miscellaneous items	X.C.VIII.004
VIII. Miscellaneous items	X.C.VIII.004 .a
VIII. Miscellaneous items	X.C.VIII.004 .b

VIII. Miscellaneous items	X.C.VIII.004 .c
VIII. Miscellaneous items	X.C.VIII.004 .d
VIII. Miscellaneous items	X.C.VIII.004 .e
VIII. Miscellaneous items	X.C.VIII.004 .h
VIII. Miscellaneous items	X.C.VIII.004 .i
VIII. Miscellaneous items	X.C.VIII.004 .j
VIII. Miscellaneous items	X.C.VIII.004 .k
VIII. Miscellaneous items	X.C.VIII.004 .k
VIII. Miscellaneous items	X.C.VIII.004 .k
VIII. Miscellaneous items	X.C.VIII.004 .k
VIII. Miscellaneous items	X.C.VIII.004 .l
VIII. Miscellaneous items	X.C.VIII.004 .m
VIII. Miscellaneous items	X.C.VIII.004 .n
VIII. Miscellaneous items	X.C.VIII.004 .o
VIII. Miscellaneous items	X.C.VIII.004 .p
VIII. Miscellaneous items	X.C.VIII.004 .q
VIII. Miscellaneous items	X.C.VIII.004 .r
VIII. Miscellaneous items	X.C.VIII.004 .s
VIII. Miscellaneous items	X.C.VIII.004 .t
VIII. Miscellaneous items	X.C.VIII.004 .u
VIII. Miscellaneous items	X.C.VIII.004 .u
VIII. Miscellaneous items	X.C.VIII.004 .x
VIII. Miscellaneous items	X.C.VIII.004 .y
VIII. Miscellaneous items	X.C.VIII.004 .z
VIII. Miscellaneous items	X.C.VIII.004 .bb
VIII. Miscellaneous items	X.C.VIII.004 .cc
VIII. Miscellaneous items	X.C.VIII.004 .dd
VIII. Miscellaneous items	X.D.VIII.001
VIII. Miscellaneous items	X.D.VIII.002
VIII. Miscellaneous items	X.D.VIII.003
VIII. Miscellaneous items	X.D.VIII.004
VIII. Miscellaneous items	X.D.VIII.005
VIII. Miscellaneous items	X.E.VIII.001
VIII. Miscellaneous items	X.E.VIII.002
VIII. Miscellaneous items	X.E.VIII.003
VIII. Miscellaneous items	X.E.VIII.004
VIII. Miscellaneous items	X.E.VIII.005

VIII. Miscellaneous items	X.E.VIII.006
IX. Special Materials and Related Equipr	X.A.IX.001
IX. Special Materials and Related Equipr	X.A.IX.001
IX. Special Materials and Related Equipr	X.A.IX.001
IX. Special Materials and Related Equipr	X.A.IX.001
IX. Special Materials and Related Equipr	X.A.IX.001
IX. Special Materials and Related Equipr	X.A.IX.001
IX. Special Materials and Related Equipr	X.A.IX.001
IX. Special Materials and Related Equipr	X.A.IX.002
IX. Special Materials and Related Equipr	X.A.IX.003.a
IX. Special Materials and Related Equipr	X.A.IX.003.a
IX. Special Materials and Related Equipr	X.A.IX.003.a
IX. Special Materials and Related Equipr	X.A.IX.003.b
IX. Special Materials and Related Equipr	X.A.IX.004.a
IX. Special Materials and Related Equipr	X.A.IX.004.b
IX. Special Materials and Related Equipr	X.A.IX.004.b
IX. Special Materials and Related Equipr	X.A.IX.004.b
IX. Special Materials and Related Equipr	X.A.IX.004.b
IX. Special Materials and Related Equipr	X.B.IX.001.a
IX. Special Materials and Related Equipr	X.B.IX.001.b
IX. Special Materials and Related Equipr	X.B.IX.001.c
IX. Special Materials and Related Equipr	X.B.IX.001.c
IX. Special Materials and Related Equipr	X.B.IX.001.c
IX. Special Materials and Related Equipr	X.B.IX.001.c
IX. Special Materials and Related Equipr	X.B.IX.001.c
IX. Special Materials and Related Equipr	X.B.IX.001.c
IX. Special Materials and Related Equipr	X.B.IX.001.d
IX. Special Materials and Related Equipr	X.B.IX.001.e
IX. Special Materials and Related Equipr	X.B.IX.001.e
IX. Special Materials and Related Equipr	X.B.IX.001.e
IX. Special Materials and Related Equipr	X.C.IX.001.a.1
IX. Special Materials and Related Equipr	X.C.IX.001.a.2

IX. Special Materials and Related Equipm	X.C.IX.001.a.3
IX. Special Materials and Related Equipm	X.C.IX.001.a.4
IX. Special Materials and Related Equipm	X.C.IX.001.a.5
IX. Special Materials and Related Equipm	X.C.IX.001.a.6
IX. Special Materials and Related Equipm	X.C.IX.001.a.7
IX. Special Materials and Related Equipm	X.C.IX.001.a.8
IX. Special Materials and Related Equipm	X.C.IX.001.a.9
IX. Special Materials and Related Equipm	X.C.IX.001.a.10
IX. Special Materials and Related Equipm	X.C.IX.001.a.11
IX. Special Materials and Related Equipm	X.C.IX.001.a.12
IX. Special Materials and Related Equipm	X.C.IX.001.a.13
IX. Special Materials and Related Equipm	X.C.IX.001.a.14
IX. Special Materials and Related Equipm	X.C.IX.001.a.15
IX. Special Materials and Related Equipm	X.C.IX.001.a.16
IX. Special Materials and Related Equipm	X.C.IX.001.a.17
IX. Special Materials and Related Equipm	X.C.IX.001.a.18
IX. Special Materials and Related Equipm	X.C.IX.001.a.19
IX. Special Materials and Related Equipm	X.C.IX.001.a.20
IX. Special Materials and Related Equipm	X.C.IX.001.a.21
IX. Special Materials and Related Equipm	X.C.IX.001.a.22
IX. Special Materials and Related Equipm	X.C.IX.001.a.23
IX. Special Materials and Related Equipm	X.C.IX.001.a.24
IX. Special Materials and Related Equipm	X.C.IX.001.a.25
IX. Special Materials and Related Equipm	X.C.IX.001.a.26
IX. Special Materials and Related Equipm	X.C.IX.001.a.27
IX. Special Materials and Related Equipm	X.C.IX.001.a.28
IX. Special Materials and Related Equipm	X.C.IX.001.a.29
IX. Special Materials and Related Equipm	X.C.IX.001.a.30

IX. Special Materials and Related Equipm	X.C.IX.001.a.31
IX. Special Materials and Related Equipm	X.C.IX.001.a.32
IX. Special Materials and Related Equipm	X.C.IX.001.a.33
IX. Special Materials and Related Equipm	X.C.IX.001.a.34
IX. Special Materials and Related Equipm	X.C.IX.001.a.35
IX. Special Materials and Related Equipm	X.C.IX.001.a.36
IX. Special Materials and Related Equipm	X.C.IX.001.a.37
IX. Special Materials and Related Equipm	X.C.IX.001.a.38
IX. Special Materials and Related Equipm	X.C.IX.001.a.39
IX. Special Materials and Related Equipm	X.C.IX.001.a.40
IX. Special Materials and Related Equipm	X.C.IX.001.a.41
IX. Special Materials and Related Equipm	X.C.IX.001.b.1
IX. Special Materials and Related Equipm	X.C.IX.001.b.2
IX. Special Materials and Related Equipm	X.C.IX.001.b.3
IX. Special Materials and Related Equipm	X.C.IX.001.b.4
IX. Special Materials and Related Equipm	X.C.IX.001.b.5
IX. Special Materials and Related Equipm	X.C.IX.001.b.6
IX. Special Materials and Related Equipm	X.C.IX.001.b.7
IX. Special Materials and Related Equipm	X.C.IX.001.b.8
IX. Special Materials and Related Equipm	X.C.IX.001.b.9
IX. Special Materials and Related Equipm	X.C.IX.001.b.10
IX. Special Materials and Related Equipm	X.C.IX.001.b.11
IX. Special Materials and Related Equipm	X.C.IX.001.b.12
IX. Special Materials and Related Equipm	X.C.IX.001.b.13
IX. Special Materials and Related Equipm	X.C.IX.001.b.14
IX. Special Materials and Related Equipm	X.C.IX.001.b.15
IX. Special Materials and Related Equipm	X.C.IX.001.b.16
IX. Special Materials and Related Equipm	X.C.IX.001.b.17
IX. Special Materials and Related Equipm	X.C.IX.001.b.18

IX. Special Materials and Related Equipm	X.C.IX.001.b.19
IX. Special Materials and Related Equipm	X.C.IX.001.b.20
IX. Special Materials and Related Equipm	X.C.IX.001.b.21
IX. Special Materials and Related Equipm	X.C.IX.001.b.22
IX. Special Materials and Related Equipm	X.C.IX.001.b.23
IX. Special Materials and Related Equipm	X.C.IX.001.b.24
IX. Special Materials and Related Equipm	X.C.IX.001.b.25
IX. Special Materials and Related Equipm	X.C.IX.001.b.26
IX. Special Materials and Related Equipm	X.C.IX.001.b.27
IX. Special Materials and Related Equipm	X.C.IX.001.b.28
IX. Special Materials and Related Equipm	X.C.IX.001.b.29
IX. Special Materials and Related Equipm	X.C.IX.001.b.30
IX. Special Materials and Related Equipm	X.C.IX.001.b.31
IX. Special Materials and Related Equipm	X.C.IX.001.b.32
IX. Special Materials and Related Equipm	X.C.IX.001.b.33
IX. Special Materials and Related Equipm	X.C.IX.001.b.34
IX. Special Materials and Related Equipm	X.C.IX.001.b.35
IX. Special Materials and Related Equipm	X.C.IX.001.b.36
IX. Special Materials and Related Equipm	X.C.IX.001.b.37
IX. Special Materials and Related Equipm	X.C.IX.001.b.38
IX. Special Materials and Related Equipm	X.C.IX.001.b.39
IX. Special Materials and Related Equipm	X.C.IX.001.b.40
IX. Special Materials and Related Equipm	X.C.IX.001.b.41
IX. Special Materials and Related Equipm	X.C.IX.001.b.42
IX. Special Materials and Related Equipm	X.C.IX.001.b.43
IX. Special Materials and Related Equipm	X.C.IX.001.b.44
IX. Special Materials and Related Equipm	X.C.IX.001.b.45
IX. Special Materials and Related Equipm	X.C.IX.001.b.46
IX. Special Materials and Related Equipm	X.C.IX.001.b.47
IX. Special Materials and Related Equipm	X.C.IX.001.b.48
IX. Special Materials and Related Equipm	X.C.IX.001.b.49
IX. Special Materials and Related Equipm	X.C.IX.001.b.50



IX. Special Materials and Related Equipm	X.C.IX.001.b.51
IX. Special Materials and Related Equipm	X.C.IX.001.b.52
IX. Special Materials and Related Equipm	X.C.IX.001.b.53
IX. Special Materials and Related Equipm	X.C.IX.001.b.54
IX. Special Materials and Related Equipm	X.C.IX.001.b.55
IX. Special Materials and Related Equipm	X.C.IX.001.b.56
IX. Special Materials and Related Equipm	X.C.IX.001.b.57
IX. Special Materials and Related Equipm	X.C.IX.001.b.58
IX. Special Materials and Related Equipm	X.C.IX.001.b.59
IX. Special Materials and Related Equipm	X.C.IX.001.b.60
IX. Special Materials and Related Equipm	X.C.IX.001.b.61
IX. Special Materials and Related Equipm	X.C.IX.001.b.62
IX. Special Materials and Related Equipm	X.C.IX.001.b.63
IX. Special Materials and Related Equipm	X.C.IX.001.b.64
IX. Special Materials and Related Equipm	X.C.IX.001.b.65
IX. Special Materials and Related Equipm	X.C.IX.001.b.66
IX. Special Materials and Related Equipm	X.C.IX.001.b.67
IX. Special Materials and Related Equipm	X.C.IX.001.b.68
IX. Special Materials and Related Equipm	X.C.IX.001.b.69
IX. Special Materials and Related Equipm	X.C.IX.001.b.70
IX. Special Materials and Related Equipm	X.C.IX.001.b.71
IX. Special Materials and Related Equipm	X.C.IX.001.b.72
IX. Special Materials and Related Equipm	X.C.IX.001.b.73
IX. Special Materials and Related Equipm	X.C.IX.001.b.74
IX. Special Materials and Related Equipm	X.C.IX.001.b.75
IX. Special Materials and Related Equipm	X.C.IX.001.b.76
IX. Special Materials and Related Equipm	X.C.IX.001.b.77
IX. Special Materials and Related Equipm	X.C.IX.001.b.78
IX. Special Materials and Related Equipm	X.C.IX.001.b.79
IX. Special Materials and Related Equipm	X.C.IX.001.b.80

IX. Special Materials and Related Equipm	X.C.IX.001.b.81
IX. Special Materials and Related Equipm	X.C.IX.001.b.82
IX. Special Materials and Related Equipm	X.C.IX.001.b.83
IX. Special Materials and Related Equipm	X.C.IX.001.b.84
IX. Special Materials and Related Equipm	X.C.IX.001.b.85
IX. Special Materials and Related Equipm	X.C.IX.001.b.86
IX. Special Materials and Related Equipm	X.C.IX.001.b.87
IX. Special Materials and Related Equipm	X.C.IX.001.b.88
IX. Special Materials and Related Equipm	X.C.IX.001.b.89
IX. Special Materials and Related Equipm	X.C.IX.001.b.90
IX. Special Materials and Related Equipm	X.C.IX.001.b.91
IX. Special Materials and Related Equipm	X.C.IX.001.b.92
IX. Special Materials and Related Equipm	X.C.IX.002
IX. Special Materials and Related Equipm	X.C.IX.002
IX. Special Materials and Related Equipm	X.C.IX.003
IX. Special Materials and Related Equipm	X.C.IX.003
IX. Special Materials and Related Equipm	X.C.IX.004
IX. Special Materials and Related Equipm	X.C.IX.004
IX. Special Materials and Related Equipm	X.C.IX.004
IX. Special Materials and Related Equipm	X.C.IX.004
IX. Special Materials and Related Equipm	X.C.IX.004

IX. Special Materials and Related Equipm	X.C.IX.004
IX. Special Materials and Related Equipm	X.C.IX.004
IX. Special Materials and Related Equipm	X.C.IX.004
IX. Special Materials and Related Equipm	X.C.IX.005.a
IX. Special Materials and Related Equipm	X.C.IX.005.b
IX. Special Materials and Related Equipm	X.C.IX.005.c.1
IX. Special Materials and Related Equipm	X.C.IX.005.c.2
IX. Special Materials and Related Equipm	X.C.IX.005.c.2
IX. Special Materials and Related Equipm	X.C.IX.005.d.1
IX. Special Materials and Related Equipm	X.C.IX.005.d.2
IX. Special Materials and Related Equipm	X.C.IX.005.d.3
IX. Special Materials and Related Equipm	X.C.IX.005.e
IX. Special Materials and Related Equipm	X.C.IX.005.e
IX. Special Materials and Related Equipm	X.C.IX.006.a
IX. Special Materials and Related Equipm	X.C.IX.006.b
IX. Special Materials and Related Equipm	X.C.IX.006.c
IX. Special Materials and Related Equipm	X.C.IX.006.d
IX. Special Materials and Related Equipm	X.C.IX.006.e
IX. Special Materials and Related Equipm	X.C.IX.006.e
IX. Special Materials and Related Equipm	X.C.IX.006.f
IX. Special Materials and Related Equipm	X.C.IX.006.g
IX. Special Materials and Related Equipm	X.C.IX.006.h
IX. Special Materials and Related Equipm	X.C.IX.006.i
IX. Special Materials and Related Equipm	X.C.IX.006.j









IX. Special Materials and Related Equipm	X.C.IX.010
IX. Special Materials and Related Equipm	X.C.IX.010
IX. Special Materials and Related Equipm	X.C.IX.010
IX. Special Materials and Related Equipm	X.C.IX.010
IX. Special Materials and Related Equipm	X.C.IX.010
IX. Special Materials and Related Equipm	X.C.IX.011
IX. Special Materials and Related Equipm	X.C.IX.011
IX. Special Materials and Related Equipm	X.C.IX.011
IX. Special Materials and Related Equipm	X.C.IX.012
IX. Special Materials and Related Equipm	X.C.IX.012
IX. Special Materials and Related Equipm	X.C.IX.012





IX. Special Materials and Related Equipment	X.E.IX.001
IX. Special Materials and Related Equipment	X.E.IX.002
X. Materials Processing	X.A.X.001.a
X. Materials Processing	X.A.X.001.a
X. Materials Processing	X.A.X.001.a
X. Materials Processing	X.A.X.001.a
X. Materials Processing	X.A.X.001.c
X. Materials Processing	X.A.X.001.c
X. Materials Processing	X.A.X.001.c
X. Materials Processing	X.A.X.001.c
X. Materials Processing	X.A.X.002
X. Materials Processing	X.A.X.002
X. Materials Processing	X.A.X.003.a.1
X. Materials Processing	X.A.X.002
X. Materials Processing	X.A.X.003.a.2

X. Materials Processing	X.A.X.003.a.2
X. Materials Processing	X.A.X.003.b.1
X. Materials Processing	X.A.X.003.b.2
X. Materials Processing	X.A.X.003.c
X. Materials Processing	X.A.X.003.d
X. Materials Processing	X.A.X.003.d
X. Materials Processing	X.A.X.003.e
X. Materials Processing	X.A.X.004.a
X. Materials Processing	X.A.X.004.a
X. Materials Processing	X.A.X.004.a
X. Materials Processing	X.A.X.004.a
X. Materials Processing	X.A.X.004.a
X. Materials Processing	X.A.X.004.a
X. Materials Processing	X.A.X.004.a
X. Materials Processing	X.A.X.004.a
X. Materials Processing	X.A.X.004.a
X. Materials Processing	X.A.X.004.a
X. Materials Processing	X.A.X.004.b
X. Materials Processing	X.A.X.004.b

X. Materials Processing	X.A.X.004.b
X. Materials Processing	X.A.X.004.b
X. Materials Processing	X.A.X.004.b
X. Materials Processing	X.A.X.004.b
X. Materials Processing	X.A.X.004.b
X. Materials Processing	X.A.X.004.b
X. Materials Processing	X.A.X.004.b
X. Materials Processing	X.A.X.004.b
X. Materials Processing	X.A.X.004.b
X. Materials Processing	X.A.X.004.b
X. Materials Processing	X.A.X.004.b
X. Materials Processing	X.A.X.004.b
X. Materials Processing	X.A.X.004.b
X. Materials Processing	X.A.X.004.b
X. Materials Processing	X.A.X.004.b
X. Materials Processing	X.A.X.004.b
X. Materials Processing	X.A.X.004.b
X. Materials Processing	X.A.X.005
X. Materials Processing	X.A.X.006
X. Materials Processing	X.A.X.006
X. Materials Processing	X.A.X.006
X. Materials Processing	X.A.X.006
X. Materials Processing	X.A.X.006
X. Materials Processing	X.A.X.006
X. Materials Processing	X.A.X.006
X. Materials Processing	X.A.X.006
X. Materials Processing	X.A.X.006
X. Materials Processing	X.A.X.007
X. Materials Processing	X.A.X.007
X. Materials Processing	X.A.X.007
X. Materials Processing	X.A.X.007
X. Materials Processing	X.A.X.007

X. Materials Processing	X.A.X.007
X. Materials Processing	X.A.X.007
X. Materials Processing	X.A.X.007
X. Materials Processing	X.A.X.007
X. Materials Processing	X.A.X.007
X. Materials Processing	X.A.X.007
X. Materials Processing	X.A.X.007
X. Materials Processing	X.A.X.007
X. Materials Processing	X.A.X.007
X. Materials Processing	X.B.X.001
X. Materials Processing	X.B.X.002
X. Materials Processing	X.B.X.003
X. Materials Processing	X.B.X.004.a
X. Materials Processing	X.B.X.004.b
X. Materials Processing	X.B.X.004.c
X. Materials Processing	X.B.X.004.c

X. Materials Processing	X.B.X.004.c
X. Materials Processing	X.B.X.004.c
X. Materials Processing	X.B.X.004.c
X. Materials Processing	X.B.X.004.c
X. Materials Processing	X.B.X.004.c







X. Materials Processing	X.B.X.004.d.1
X. Materials Processing	X.B.X.004.d.1
X. Materials Processing	X.B.X.004.d.1
X. Materials Processing	X.B.X.004.d.1

X. Materials Processing	X.B.X.004.d.1
X. Materials Processing	X.B.X.004.d.1
X. Materials Processing	X.B.X.004.d.1
X. Materials Processing	X.B.X.004.d.1

X. Materials Processing	X.B.X.004.d.1
X. Materials Processing	X.B.X.004.d.1
X. Materials Processing	X.B.X.004.d.1
X. Materials Processing	X.B.X.004.d.1



X. Materials Processing	X.B.X.005.a
X. Materials Processing	X.B.X.005.a
X. Materials Processing	X.B.X.005.a
X. Materials Processing	X.B.X.005.a
X. Materials Processing	X.B.X.005.a
X. Materials Processing	X.B.X.005.a
X. Materials Processing	X.B.X.005.b
X. Materials Processing	X.B.X.005.b
X. Materials Processing	X.B.X.006
X. Materials Processing	X.B.X.006
X. Materials Processing	X.B.X.006
X. Materials Processing	X.B.X.006
X. Materials Processing	X.B.X.006
X. Materials Processing	X.B.X.006
X. Materials Processing	X.B.X.006
X. Materials Processing	X.B.X.006
X. Materials Processing	X.B.X.007
X. Materials Processing	X.B.X.007
X. Materials Processing	X.B.X.008
X. Materials Processing	X.B.X.008

X. Materials Processing	X.B.X.009.a
X. Materials Processing	X.B.X.009.a
X. Materials Processing	X.B.X.009.a
X. Materials Processing	X.B.X.009.a
X. Materials Processing	X.B.X.009.a
X. Materials Processing	X.B.X.009.a
X. Materials Processing	X.B.X.009.a
X. Materials Processing	X.B.X.009.a
X. Materials Processing	X.B.X.009.a
X. Materials Processing	X.B.X.009.a
X. Materials Processing	X.B.X.009.a
X. Materials Processing	X.B.X.009.a
X. Materials Processing	X.B.X.009.a
X. Materials Processing	X.B.X.009.a
X. Materials Processing	X.B.X.009.a
X. Materials Processing	X.B.X.009.b
X. Materials Processing	X.B.X.009.b



X. Materials Processing	X.B.X.010.g
X. Materials Processing	X.B.X.010.g
X. Materials Processing	X.B.X.010.g
X. Materials Processing	X.B.X.010.g
X. Materials Processing	X.B.X.010.g
X. Materials Processing	X.B.X.010.g
X. Materials Processing	X.B.X.010.g
X. Materials Processing	X.B.X.010.g
X. Materials Processing	X.B.X.010.g
X. Materials Processing	X.B.X.010.g
X. Materials Processing	X.B.X.010.g
X. Materials Processing	X.B.X.010.g
X. Materials Processing	X.B.X.010.g
X. Materials Processing	X.B.X.010.g
X. Materials Processing	X.B.X.010.g
X. Materials Processing	X.B.X.010.g
X. Materials Processing	X.B.X.010.g
X. Materials Processing	X.B.X.010.g
X. Materials Processing	X.B.X.010.h
X. Materials Processing	X.B.X.010.h
X. Materials Processing	X.B.X.010.h











X. Materials Processing	X.B.X.010.n
X. Materials Processing	X.B.X.010.n
X. Materials Processing	X.B.X.010.n
X. Materials Processing	X.B.X.010.n
X. Materials Processing	X.B.X.010.n
X. Materials Processing	X.B.X.010.n
X. Materials Processing	X.B.X.010.n
X. Materials Processing	X.B.X.010.n
X. Materials Processing	X.B.X.010.n
X. Materials Processing	X.B.X.010.n
X. Materials Processing	X.B.X.010.n
X. Materials Processing	X.B.X.010.n
X. Materials Processing	X.B.X.010.n
X. Materials Processing	X.B.X.010.n
X. Materials Processing	X.B.X.010.n
X. Materials Processing	X.B.X.010.n
X. Materials Processing	X.B.X.010.n
X. Materials Processing	X.B.X.010.n
X. Materials Processing	X.B.X.010.n
X. Materials Processing	X.B.X.010.n
X. Materials Processing	X.B.X.010.n
X. Materials Processing	X.B.X.010.n
X. Materials Processing	X.B.X.010.n
X. Materials Processing	X.B.X.011
X. Materials Processing	X.B.X.012
X. Materials Processing	X.B.X.013
X. Materials Processing	X.B.X.014
X. Materials Processing	X.B.X.015

X. Materials Processing	X.B.X.015
X. Materials Processing	X.B.X.015
X. Materials Processing	X.B.X.016
X. Materials Processing	X.B.X.016
X. Materials Processing	X.B.X.016
X. Materials Processing	X.B.X.017
X. Materials Processing	X.B.X.017
X. Materials Processing	X.B.X.017
X. Materials Processing	X.B.X.018
X. Materials Processing	X.B.X.018
X. Materials Processing	X.B.X.018
X. Materials Processing	X.B.X.018
X. Materials Processing	X.B.X.018
X. Materials Processing	X.B.X.018
X. Materials Processing	X.B.X.018
X. Materials Processing	X.B.X.018
X. Materials Processing	X.B.X.019
X. Materials Processing	X.B.X.020

X. Materials Processing	X.B.X.020
X. Materials Processing	X.B.X.021
X. Materials Processing	X.B.X.021
X. Materials Processing	X.B.X.021
X. Materials Processing	X.B.X.021
X. Materials Processing	X.B.X.021
X. Materials Processing	X.B.X.022
X. Materials Processing	X.B.X.022
X. Materials Processing	X.B.X.023
X. Materials Processing	X.B.X.024
X. Materials Processing	X.B.X.025
X. Materials Processing	X.B.X.026
X. Materials Processing	X.B.X.026
X. Materials Processing	X.B.X.026
X. Materials Processing	X.B.X.026
X. Materials Processing	X.B.X.026
X. Materials Processing	X.B.X.026
X. Materials Processing	X.B.X.027
X. Materials Processing	X.D.X.001
X. Materials Processing	X.D.X.002
X. Materials Processing	X.D.X.003

X. Materials Processing	X.D.X.004
X. Materials Processing	X.D.X.005
X. Materials Processing	X.D.X.006
X. Materials Processing	X.E.X.001
X. Materials Processing	X.E.X.002
X. Materials Processing	X.E.X.003
X. Materials Processing	X.E.X.004

1. Semiconductor devices	
1. Semiconductor devices	
1. Semiconductor devices	
1. Semiconductor devices	
1. Semiconductor devices	
1. Semiconductor devices	
1. Semiconductor devices	
1. Semiconductor devices	
1. Semiconductor devices	
2. Electronic integrated circuits, manufacturing and testing equipment	
2. Electronic integrated circuits, manufacturing and testing equipment	
2. Electronic integrated circuits, manufacturing and testing equipment	
2. Electronic integrated circuits, manufacturing and testing equipment	



2. Electronic integrated circuits, manufacturing and testing equipment	
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2. Electronic integrated circuits, manufacturing and testing equipment	
2. Electronic integrated circuits, manufacturing and testing equipment	
2. Electronic integrated circuits, manufacturing and testing equipment	
2. Electronic integrated circuits, manufacturing and testing equipment	
3. Photographic cameras and optical components	
3. Photographic cameras and optical components	
3. Photographic cameras and optical components	
3. Photographic cameras and optical components	
3. Photographic cameras and optical components	
3. Photographic cameras and optical components	
4. Other electrical/magnetic components	





<b>Control text</b>
Etchant chemicals; Ferric chloride (7705-08-0)
Etchant chemicals; Cupric chloride (7447-39-4);
Etchant chemicals; Ammonium persulphate (7727-54-0);
Etchant chemicals; Sodium persulphate (7775-27-1);
Chemical preparations specially designed for etching and containing any of the chemicals included in <a href="#">X.C.I.002.c.1 to X.C.I.002.c.4</a> .
Copper foil with a minimum purity 95% and of a thickness less than 100 µm
Copper foil with a minimum purity 95% and of a thickness less than 100 µm
Polymeric substances and films thereof of less than 0,5 mm of thickness, as follows: 1. Aromatic polyimides;
Polymeric substances and films thereof of less than 0,5 mm of thickness, as follows: 1. Aromatic polyimides; 2. Parylenes; 3. Benzocyclobutenes (BCBs); or 4. Polybenzoxazoles.
'Software' specially designed for the 'development', 'production', or 'use' of electronic devices or components controlled by X.A.I.001, general purpose electronic equipment controlled by X.A.I.002, or manufacturing and test equipment controlled by X.B.I.001 and X.B.I.002; or 'software' specially designed for the 'use' of equipment controlled by 3B001.g and 3B001.h.
"Software" specially designed for the test, "development" or "production" of Printed Circuit Boards (PCBs).
'Technology' for the 'development', 'production' or 'use' of electronic devices or components controlled by <del>X.A.I.001, general purpose electronic equipment controlled by X.A.I.002, or manufacturing and test</del> X.E.I.002 "Technology" for the "development", "production" or "use" of Printed Circuit Boards (PCBs).
Electronic computers and related equipment, and "electronic assemblies" and "specially designed" "parts" and "components" therefor, rated for operation at an ambient temperature above 343 K (70°C)
Electronic computers and related equipment, and "electronic assemblies" and "specially designed" "parts" and "components" therefor, rated for operation at an ambient temperature above 343 K (70°C)
Electronic computers and related equipment, and "electronic assemblies" and "specially designed" "parts" and "components" therefor, rated for operation at an ambient temperature above 343 K (70°C)
Electronic computers and related equipment, and "electronic assemblies" and "specially designed" "parts" and "components" therefor, rated for operation at an ambient temperature above 343 K (70°C)
"Digital computers", including equipment of "signal processing" or image enhancement", having an "Adjusted Peak Performance" ("APP") equal to or greater than 0,0128 Weighted TeraFLOPS (WT)
"Digital computers", including equipment of "signal processing" or image enhancement", having an "Adjusted Peak Performance" ("APP") equal to or greater than 0,0128 Weighted TeraFLOPS (WT)

<p>“Digital computers”, including equipment of “signal processing” or image enhancement”, having an “Adjusted Peak Performance” (“APP”) equal to or greater than 0,0128 Weighted TeraFLOPS (WT)</p>
<p>“Digital computers”, including equipment of “signal processing” or image enhancement”, having an “Adjusted Peak Performance” (“APP”) equal to or greater than 0,0128 Weighted TeraFLOPS (WT)</p>
<p>“Electronic assemblies” that are “specially designed” or modified to enhance performance by aggregation of processors</p>
<p>“Electronic assemblies” that are “specially designed” or modified to enhance performance by aggregation of processors</p>
<p>“Electronic assemblies” that are “specially designed” or modified to enhance performance by aggregation of processors</p>
<p>“Electronic assemblies” that are “specially designed” or modified to enhance performance by aggregation of processors</p>
<p>Equipment for “signal processing” or “image enhancement” having an “Adjusted Peak Performance” (“APP”) equal to or greater than 0,0128 Weighted TeraFLOPS WT</p>
<p>Equipment for “signal processing” or “image enhancement” having an “Adjusted Peak Performance” (“APP”) equal to or greater than 0,0128 Weighted TeraFLOPS WT</p>
<p>Equipment for “signal processing” or “image enhancement” having an “Adjusted Peak Performance” (“APP”) equal to or greater than 0,0128 Weighted TeraFLOPS WT</p>
<p>Equipment for “signal processing” or “image enhancement” having an “Adjusted Peak Performance” (“APP”) equal to or greater than 0,0128 Weighted TeraFLOPS WT</p>
<p>Equipment containing ‘terminal interface equipment’ exceeding the limits in X.A.III.101;  Technical Note: For the purpose of X.A.II.001.i, ‘terminal interface equipment’ means equipment at which information enters or leaves the telecommunication system, e.g. telephone, data device, computer, etc.</p>
<p>Equipment containing ‘terminal interface equipment’ exceeding the limits in X.A.III.101;  Technical Note: For the purpose of X.A.II.001.i, ‘terminal interface equipment’ means equipment at which information enters or leaves the telecommunication system, e.g. telephone, data device, computer, etc.</p>
<p>Equipment containing ‘terminal interface equipment’ exceeding the limits in X.A.III.101;  Technical Note: For the purpose of X.A.II.001.i, ‘terminal interface equipment’ means equipment at which information enters or leaves the telecommunication system, e.g. telephone, data device, computer, etc.</p>

Equipment containing 'terminal interface equipment' exceeding the limits in X.A.III.101;  
Technical Note: For the purpose of X.A.II.001.i, 'terminal interface equipment' means equipment at which information enters or leaves the telecommunication system, e.g. telephone, data device, computer, etc.

Equipment specially designed to provide external interconnection of "digital computers" or associated equipment that allows communications at data rates exceeding 80 Mbyte/s.  
Note: X.A.II.001.j does not control internal interconnection equipment (e.g., backplanes, buses) passive interconnection equipment, "network access controllers" or 'communication channel controllers'.  
Technical Note: For the purpose of X.A.II.001.j, 'communication channel controllers' is the physical interface which controls the flow of synchronous or asynchronous digital information. It is an assembly that can be integrated into computer or telecommunications equipment to provide communications access.

Equipment specially designed to provide external interconnection of "digital computers" or associated equipment that allows communications at data rates exceeding 80 Mbyte/s.  
Note: X.A.II.001.j does not control internal interconnection equipment (e.g., backplanes, buses) passive interconnection equipment, "network access controllers" or 'communication channel controllers'.  
Technical Note: For the purpose of X.A.II.001.j, 'communication channel controllers' is the physical interface which controls the flow of synchronous or asynchronous digital information. It is an assembly that can be integrated into computer or telecommunications equipment to provide communications access.

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Note: X.A.II.001.j does not control internal interconnection equipment (e.g., backplanes, buses) passive interconnection equipment, "network access controllers" or 'communication channel controllers'.  
Technical Note: For the purpose of X.A.II.001.j, 'communication channel controllers' is the physical interface which controls the flow of synchronous or asynchronous digital information. It is an assembly that can be integrated into computer or telecommunications equipment to provide communications access.

Hybrid computers' and 'electronic assemblies' and specially designed components therefor containing analog-to-digital converters having all of the following characteristics:  
1. 32 channels or more; and  
2. A resolution of 14 bit (plus sign bit) or more with a conversion rate of 200 000 Hz or more.

Hybrid computers' and 'electronic assemblies' and specially designed components therefor containing analog-to-digital converters having all of the following characteristics:  
1. 32 channels or more; and  
2. A resolution of 14 bit (plus sign bit) or more with a conversion rate of 200 000 Hz or more.

Hybrid computers' and 'electronic assemblies' and specially designed components therefor containing analog-to-digital converters having all of the following characteristics:  
1. 32 channels or more; and  
2. A resolution of 14 bit (plus sign bit) or more with a conversion rate of 200 000 Hz or more.

Hybrid computers' and 'electronic assemblies' and specially designed components therefor containing analog-to-digital converters having all of the following characteristics:

1. 32 channels or more; and
2. A resolution of 14 bit (plus sign bit) or more with a conversion rate of 200 000 Hz or more.

"Program" proof and validation "software", "software" allowing the automatic generation of "source codes", and operating system "software" that are specially designed for "real-time processing" equipment."

- a. "Program" proof and validation "software" using mathematical and analytical techniques and designed or modified for "programs" having more than 500 000 "source code" instructions;
- b. "Software" allowing the automatic generation of "source codes" from data acquired on line from external sensors described in the Regulation (EU) 2021/821; or
- c. Operating system "software" specially designed for "real-time processing" equipment that guarantees a 'global interrupt latency time' of less than 20  $\mu$ s.

Technical Note: For the purpose of X.D.II.001, 'global interrupt latency time' is the time taken by the computer system to recognise an interrupt due to the event, service the interrupt and perform a context switch to an alternate memory-resident task waiting on the interrupt.

'Software' other than that controlled in 4D001 specially designed or modified for the 'development', 'production' or 'use' of equipment controlled by 4A101, X.A.II.001.

'Technology' for the 'development', 'production' or 'use' of equipment controlled by X.A.II.001, or 'software' controlled by X.D.II.001 or X.D.II.002.

"Technology" for the "development" or "production" of equipment designed for 'multi-data-stream processing'.

Technical Note: For the purpose of X.E.II.002, 'multi-data-stream processing' is a microprogram or equipment architecture technique that permits simultaneous processing of two or more data sequences under the control of one or more instruction sequences by means such as:

1. Single Instruction Multiple Data (SIMD) architectures such as vector or array processors;
2. Multiple Single Instruction Multiple Data (MSIMD) architectures;
3. Multiple Instruction Multiple Data (MIMD) architectures, including those that are tightly coupled, closely coupled or loosely coupled; or
4. Structured arrays of processing elements, including systolic arrays.

Any type of telecommunications equipment, not controlled by 5A001.a, "specially designed" to operate outside the temperature range from 219 K (-54 °C) to 397 K (124 °C)

Any type of telecommunications equipment, not controlled by 5A001.a, "specially designed" to operate outside the temperature range from 219 K (-54 °C) to 397 K (124 °C)

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Any type of telecommunications equipment, not controlled by 5A001.a, “specially designed” to operate outside the temperature range from 219 K (-54 °C) to 397 K (124 °C)
Any type of telecommunications equipment, not controlled by 5A001.a, “specially designed” to operate outside the temperature range from 219 K (-54 °C) to 397 K (124 °C)
Telecommunication transmission equipment and systems, and specially designed components and accessories employing digital techniques, including digital processing of analog signals, and designed to operate at a ‘digital transfer rate’ at the highest multiplex level exceeding 45 Mbit/s or a ‘total digital transfer rate’ exceeding 90 Mbit/s;
Telecommunication transmission equipment and systems, and specially designed components and accessories employing digital techniques, including digital processing of analog signals, and designed to operate at a ‘digital transfer rate’ at the highest multiplex level exceeding 45 Mbit/s or a ‘total digital transfer rate’ exceeding 90 Mbit/s;
Telecommunication transmission equipment and systems, and specially designed components and accessories employing digital techniques, including digital processing of analog signals, and designed to operate at a ‘digital transfer rate’ at the highest multiplex level exceeding 45 Mbit/s or a ‘total digital transfer rate’ exceeding 90 Mbit/s;
Telecommunication transmission equipment and systems, and specially designed components and accessories employing digital techniques, including digital processing of analog signals, and designed to operate at a ‘digital transfer rate’ at the highest multiplex level exceeding 45 Mbit/s or a ‘total digital transfer rate’ exceeding 90 Mbit/s;
Telecommunication transmission equipment and systems, and specially designed components and accessories employing digital techniques, including digital processing of analog signals, and designed to operate at a ‘digital transfer rate’ at the highest multiplex level exceeding 45 Mbit/s or a ‘total digital transfer rate’ exceeding 90 Mbit/s;
Telecommunication transmission equipment and systems, and specially designed components and accessories; Modems using the ‘bandwidth of one voice channel’ with a “data signaling rate” exceeding 9 600 bits per second
Telecommunication transmission equipment and systems, and specially designed components and accessories; Modems using the ‘bandwidth of one voice channel’ with a “data signaling rate” exceeding 9 600 bits per second
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Telecommunication transmission equipment and systems, and specially designed components and accessories; Modems using the ‘bandwidth of one voice channel’ with a “data signaling rate” exceeding 9 600 bits per second
Telecommunication transmission equipment and systems, and specially designed components and accessories; Being ‘stored program controlled’ digital cross connect equipment with ‘digital transfer rate’ exceeding 8,5 Mbit/s per port;
Telecommunication transmission equipment and systems, and specially designed components and accessories; Being ‘stored program controlled’ digital cross connect equipment with ‘digital transfer rate’ exceeding 8,5 Mbit/s per port;



Telecommunication transmission equipment and systems, and specially designed components and accessories; Being 'stored program controlled' digital cross connect equipment with 'digital transfer rate'
Telecommunication transmission equipment and systems, and specially designed components and accessories; Being 'stored program controlled' digital cross connect equipment with 'digital transfer rate'
Telecommunication transmission equipment and systems, and specially designed components and accessories; being equipment containing any of the following: a. "Network access controllers" and their related common medium having a 'digital transfer rate' exceeding 33 Mbit/s; or b. 'Communication channel controllers' with a digital output having a 'data signalling rate' exceeding 64 000 bit/s per channel;
Telecommunication transmission equipment and systems, and specially designed components and accessories; being equipment containing any of the following: a. "Network access controllers" and their related common medium having a 'digital transfer rate' exceeding 33 Mbit/s; or b. 'Communication channel controllers' with a digital output having a 'data signalling rate' exceeding 64 000 bit/s per channel;
Telecommunication transmission equipment and systems, and specially designed components and accessories; being equipment containing any of the following: a. "Network access controllers" and their related common medium having a 'digital transfer rate' exceeding 33 Mbit/s; or b. 'Communication channel controllers' with a digital output having a 'data signalling rate' exceeding 64 000 bit/s per channel;
Telecommunication transmission equipment and systems, and specially designed components and accessories; being equipment containing any of the following: a. "Network access controllers" and their related common medium having a 'digital transfer rate' exceeding 33 Mbit/s; or b. 'Communication channel controllers' with a digital output having a 'data signalling rate' exceeding 64 000 bit/s per channel;
Employing a 'laser' and having any of the following characteristics: a. A transmission wavelength exceeding 1 000 nm; or b. Employing analog techniques and having a bandwidth exceeding 45 MHz; c. Employing coherent optical transmission or coherent optical detection techniques (also called optical heterodyne or homodyne techniques); d. Employing wavelength division multiplexing techniques; or e. Performing 'optical amplification';
Employing a 'laser' and having any of the following characteristics: a. A transmission wavelength exceeding 1 000 nm; or b. Employing analog techniques and having a bandwidth exceeding 45 MHz; c. Employing coherent optical transmission or coherent optical detection techniques (also called optical heterodyne or homodyne techniques);
Employing a 'laser' and having any of the following characteristics: a. A transmission wavelength exceeding 1 000 nm; or b. Employing analog techniques and having a bandwidth exceeding 45 MHz; c. Employing coherent optical transmission or coherent optical detection techniques (also called optical heterodyne or homodyne techniques);
Radio equipment operating at input or output frequencies exceeding: a. 31 GHz for satellite-earth station applications; or b. 26,5 GHz for other applications;
Radio equipment operating at input or output frequencies exceeding: a. 31 GHz for satellite-earth station applications; or b. 26,5 GHz for other applications;
Radio equipment operating at input or output frequencies exceeding: a. 31 GHz for satellite-earth station applications; or b. 26,5 GHz for other applications;
Radio equipment operating at input or output frequencies exceeding: a. 31 GHz for satellite-earth station applications; or b. 26,5 GHz for other applications;

<p>7. Being radio equipment employing any of the following:</p> <p>a. Quadrature-amplitude-modulation (QAM) techniques above level 4 if the ‘total digital transfer rate’ exceeds 8,5 Mbit/s;</p> <p>b. QAM techniques above level 16 if the ‘total digital transfer rate’ is equal to or less than 8,5 Mbit/s;</p> <p>c. Other digital modulation techniques and having a ‘spectral efficiency’ exceeding 3 bit/s/Hz; or</p> <p>d. Operating in the 1,5 MHz to 87,5 MHz band and incorporating adaptive techniques providing more than 15 dB suppression of an interfering signal.</p>
<p>7. Being radio equipment employing any of the following:</p> <p>a. Quadrature-amplitude-modulation (QAM) techniques above level 4 if the ‘total digital transfer rate’ exceeds 8,5 Mbit/s;</p>
<p>7. Being radio equipment employing any of the following:</p> <p>a. Quadrature-amplitude-modulation (QAM) techniques above level 4 if the ‘total digital transfer rate’ exceeds 8,5 Mbit/s;</p> <p>b. QAM techniques above level 16 if the ‘total digital transfer rate’ is equal to or less than 8,5 Mbit/s;</p> <p>c. Other digital modulation techniques and having a ‘spectral efficiency’ exceeding 3 bit/s/Hz; or</p> <p>d. Operating in the 1.5 MHz to 87.5 MHz band and incorporating adaptive techniques providing more than 15</p>
<p>7. Being radio equipment employing any of the following:</p> <p>a. Quadrature-amplitude-modulation (QAM) techniques above level 4 if the ‘total digital transfer rate’ exceeds 8,5 Mbit/s;</p> <p>b. QAM techniques above level 16 if the ‘total digital transfer rate’ is equal to or less than 8,5 Mbit/s;</p> <p>c. Other digital modulation techniques and having a ‘spectral efficiency’ exceeding 3 bit/s/Hz; or</p> <p>d. Operating in the 1,5 MHz to 87,5 MHz band and incorporating adaptive techniques providing more than 15 dB suppression of an interfering signal.</p>
<p>‘Data (message) switching’ equipment or systems designed for ‘packet-mode operation’, “electronic assemblies” and components therefor, other than those specified in the CML or in Regulation (EU) 2021/821;</p>
<p>Routing or switching of ‘datagram’ packets;</p> <p>Note: X.A.III.101.c.3 does not control networks restricted to using only “network access controllers” or to “network access controllers” themselves.</p>
<p>Multi-level priority and pre-emption for circuit switching</p>
<p>Designed for automatic hand-off of cellular radio calls to other cellular switches or automatic connection to a centralized subscriber data base common to more than one switch</p>
<p>Containing “stored program controlled” digital cross connect equipment with “digital transfer rate” exceeding 8.5 Mbit/s per port</p>
<p>“Common channel signaling” operating in either non-associated or quasi-associated mode of operation</p>
<p>‘Dynamic adaptive routing’</p>



Telecommunications test equipment, other than those specified in the CML or in Regulation (EU) 2021/821.
Telecommunications test equipment, other than those specified in the CML or in Regulation (EU) 2021/821.
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Telecommunications test equipment, other than those specified in the CML or in Regulation (EU) 2021/821.
Preforms of glass or of any other material optimised for the manufacture of optical fibres controlled by X.A.III.101.
'Software' specially designed or modified for the 'development', 'production' or 'use' of equipment controlled by X.A.III.101 and X.B.III.101, and dynamic adaptive routing software as described as follows: a. 'Software', other than in machine-executable form, specially designed for 'dynamic adaptive routing'.
'Technology' for the 'development', 'production' or 'use' of equipment controlled by X.A.III.101 or X.B.III.101, or 'software' controlled by X.D.III.101, and other 'technologies' as follows: a. Specific 'technologies' as follows: 1. 'Technology' for the processing and application of coatings to optical fibre specially designed to make it suitable for underwater use; 2. 'Technology' for the 'development' of equipment employing 'Synchronous Digital Hierarchy' ('SDH') or 'Synchronous Optical Network' ('SONET') techniques.
Equipment as follows: a. Not used; b. Not used; c. Goods classified as mass market encryption in accordance with Cryptography Note – Note 3 to Category 5, Part 2
'Information Security' 'software' as follows:
'Information Security' 'technology' according to the General Technology Note, as follows: a. Not used; b. 'Technology', other than specified in the CML or in Regulation (EU) 2021/821, for the 'use' of mass market goods controlled by X.A.III.201.c or mass market 'software' controlled by X.D.III.201.c.
Marine or terrestrial acoustic equipment, capable of detecting or locating underwater objects or features or positioning surface vessels or underwater vehicles; and specially designed components, other than those specified in the CML or in Regulation (EU) 2021/821.

Image intensifier tubes and specially designed components therefor, as follows:

1. Image intensifier tubes having all the following:

- a. A peak response in wavelength range exceeding 400 nm, but not exceeding 1 050 nm;
  - b. A microchannel plate for electron image amplification with a hole pitch (centre-to-centre spacing) of less than 25 µm; and
  - c. Having any of the following:
    1. An S-20, S-25 or multialkali photocathode; or
    2. A GaAs or GaInAs photocathode;
2. Specially designed microchannel plates having both of the following characteristics:
- a. 15 000 or more hollow tubes per plate; and
  - b. Hole pitch (centre-to-centre spacing) of less than 25 µm.

Direct view imaging equipment operating in the visible or infrared spectrum, incorporating image intensifier tubes having the characteristics listed in X.A.IV.002.a.1.

Cameras that meet the criteria of Note 3 to 6A003.b.4.

Optical filters:

1. For wavelengths longer than 250 nm, comprised of multi-layer optical coatings and having either of the following:
  - a. Bandwidths equal to or less than 1 nm Full Width Half Intensity (FWHI) and peak transmission of 90 % or more; or
  - b. Bandwidths equal to or less than 0,1 nm FWHI and peak transmission of 50 % or more;
2. For wavelengths longer than 250 nm, and having all of the following:
  - a. Tunable over a spectral range of 500 nm or more;
  - b. Instantaneous optical bandpass of 1,25 nm or less;
  - c. Wavelength resettable within 0,1 ms to an accuracy of 1 nm or better within the tunable spectral range; and
  - d. A single peak transmission of 91 % or more;
3. Optical opacity switches (filters) with a field of view of 30° or wider and a response time equal to or less than 1 ns;

'Fluoride fibre' cable, or optical fibres therefor, having an attenuation of less than 4 dB/km in the wavelength range exceeding 1 000 nm but not exceeding 3 000 nm.

a. Carbon dioxide (CO<sub>2</sub>) 'lasers' having any of the following:

1. A CW output power exceeding 10 kW;

Semiconductor lasers, as follows:

1. Individual, single-transverse mode semiconductor 'lasers' having:
  - a. An average output power exceeding 100 mW; or
  - b. A wavelength exceeding 1 050 nm;
2. Individual, multiple-transverse mode semiconductor 'lasers', or arrays of individual semiconductor 'lasers', having a wavelength exceeding 1 050 nm;

Semiconductor lasers, as follows:

Ruby 'lasers' having an output energy exceeding 20 J per pulse;

Non-"tunable" "pulsed lasers" having an output wavelength exceeding 975 nm but not exceeding 1 150 nm and having any of the following:

1. A "pulse duration" equal to or exceeding 1 ns but not exceeding 1  $\mu$ s, and having any of the following:
  - a. A single transverse mode output and having any of the following:
    1. A 'wall-plug efficiency' exceeding 12 % and an "average output power" exceeding 10 W and capable of operating at a pulse repetition frequency greater than 1 kHz; or
    2. An "average output power" exceeding 20 W; or
  - b. A multiple transverse mode output and having any of the following:
    1. A 'wall-plug efficiency' exceeding 18 % and an "average output power" exceeding 30W;
    2. A "peak power" exceeding 200 MW; or
2. A "pulse duration" exceeding 1  $\mu$ s and having any of the following:
  - a. A single transverse mode output and having any of the following:
    1. A 'wall-plug efficiency' exceeding 12 % and an "average output power" exceeding 10 W and capable of operating at a pulse repetition frequency greater than 1 kHz; or
    2. An "average output power" exceeding 20 W; or
  - b. A multiple transverse mode output and having any of the following:
    1. A 'wall-plug efficiency' exceeding 18 % and an "average output power" exceeding 30 W; or
    2. An "average output power" exceeding 500 W;

Non-"tunable" continuous wave "(CW) lasers", having an output wavelength exceeding 975 nm but not

Non-"tunable" "lasers", having a wavelength exceeding 1 400 nm, but not exceeding 1 555 nm and having any of the following:

1. An output energy exceeding 100 mJ per pulse and a pulsed "peak power" exceeding 1 W; or
2. An average or CW output power exceeding 1 W;

Free electron “lasers”

Magnetometers’, ‘Superconductive’ electromagnetic sensors, and specially designed components therefor, as follows:

a. “Magnetometers”, other than those specified in the CML or in Regulation (EU) 2021/821, having a ‘sensitivity’ lower (better) than 1,0 nT (rms) per square root Hz.

Technical Note: For the purposes of X.A.IV.006.a, ‘sensitivity’ (noise level) is the root mean square of the device-limited noise floor which is the lowest signal that can be measured.

b. “Superconductive” electromagnetic sensors, components manufactured from “superconductive” materials:

1. Designed for operation at temperatures below the ‘critical temperature’ of at least one of their “superconductive” constituents (including Josephson effect devices or “superconductive” quantum interference devices (SQUIDS));

2. Designed for sensing electromagnetic field variations at frequencies of 1 kHz or less; and

3. Having any of the following characteristics:

a. Incorporating thin-film SQUIDS with a minimum feature size of less than 2  $\mu\text{m}$  and with associated input and output coupling circuits;

b. Designed to operate with a magnetic field slew rate exceeding  $1 \times 10^6$  magnetic flux quanta per second;

c. Designed to function without magnetic shielding in the earth’s ambient magnetic field; or

d. Having a temperature coefficient less (smaller) than 0,1 magnetic flux quantum/K.

Gravity meters (gravimeters) for ground use, other than those specified in the CML or in Regulation (EU) 2021/821, as follows:

a. Having a static accuracy of less (better) than 100  $\mu\text{Gal}$ ; or

b. Being of the quartz element (Worden) type.

<p>Radar systems, equipment and major components, other than those specified in the CML or in Regulation (EU) 2021/821, and specially designed components therefor, as follows:</p> <ol style="list-style-type: none"> <li>a. Airborne radar equipment, other than those specified in the CML or in Regulation (EU) 2021/821, and specially designed components therefor;</li> <li>b. "Space-qualified" "laser" radar or Light Detection and Ranging (LIDAR) equipment specially designed for surveying or for meteorological observation;</li> <li>c. Millimeter wave enhanced vision radar imaging systems specially designed for rotary wing aircraft and having all of the following: <ol style="list-style-type: none"> <li>1. Operates at a frequency of 94 GHz;</li> <li>2. An average output power of less than 20 mW;</li> <li>3. Radar beam width of 1 degree; and</li> <li>4. Operating range equal to or greater than 1 500 m.</li> </ol> </li> </ol>
<p>Seismic detection equipment not controlled by X.A.IV.009.c.</p>
<p>Radiation hardened TV cameras, other than those specified in the CML or in Regulation (EU) 2021/821.</p>
<p>Seismic intrusion detection systems that detect, classify and determine the bearing on the source of a detected signal.</p>
<p>Equipment, including tools, dies, fixtures or gauges, and other specially designed components and accessories therefor, specially designed or modified for any of the following:</p> <ol style="list-style-type: none"> <li>a. For the manufacture or inspection of: <ol style="list-style-type: none"> <li>1. Free electron 'laser' magnet wigglers;</li> <li>2. Free electron 'laser' photo injectors;</li> </ol> </li> </ol>
<p>Equipment, including tools, dies, fixtures or gauges, and other specially designed components and accessories therefor, specially designed or modified for any of the following: For the adjustment, to required tolerances, of the longitudinal magnetic field of free electron 'lasers'.</p>
<p>Optical sensing fibres that are modified structurally to have a 'beat length' of less than 500 mm (high birefringence) or optical sensor materials not described in 6C002.b and having a zinc content of equal to or</p>
<p>Low optical absorption materials, as follows:</p> <ol style="list-style-type: none"> <li>1. Bulk fluoride compounds containing ingredients with a purity of 99,999 % or better; or</li> </ol>
<p>Low optical absorption materials, as follows:</p> <ol style="list-style-type: none"> <li>1. Bulk fluoride compounds containing ingredients with a purity of 99,999 % or better; or</li> </ol> <p>Note: X.C.IV.002.a.1 controls fluorides of zirconium or aluminum and variants.</p> <ol style="list-style-type: none"> <li>2. Bulk fluoride glass made from compounds controlled by 6C004.e.1 ;</li> </ol>
<p>'Optical fibre preforms' made from bulk fluoride compounds containing ingredients with a purity of 99,999 % or better, 'specially designed' for the manufacture of 'fluoride fibres' controlled by X.A.IV.004.b.</p>
<p>'Software', other than those specified in the CML or in Regulation (EU) 2021/821, specially designed for the 'development', 'production', or 'use' of goods controlled by 6A002, 6A003, X.A.IV.001, X.A.IV.006, X.A.IV.007, or X.A.IV.008.</p>
<p>'Software' specially designed for the 'development' or 'production' of equipment controlled by X.A.IV.002, X.A.IV.004, or X.A.IV.005.</p>



<p>Other 'software', as follows:</p> <ul style="list-style-type: none"> <li>a. Air Traffic Control (ATC) 'software' application 'programs' hosted on general purpose computers located at Air Traffic Control centers, and capable of automatically handing over primary radar target data (if not correlated with secondary surveillance radar (SSR) data) from the host ATC center to another ATC center.</li> <li>b. 'Software' specially designed for seismic intrusion detection systems in X.A.IV.009.c.</li> <li>c. 'Source Code' specially designed for seismic intrusion detection systems in X.A.IV.009.c.</li> </ul>
<p>'Technology' for the 'development', 'production' or 'use' of equipment controlled by X.A.IV.001, X.A.IV.006, X.A.IV.007, X.A.IV.008 or X.A.IV.009.c.</p>
<p>'Technology' for the 'development' or 'production' of equipment, materials or 'software' controlled by X.A.IV.002, X.A.IV.004, or X.A.IV.005, X.B.IV.001, X.C.IV.001, X.C.IV.002, or X.D.IV.003.</p>
<p>Other 'technology' as follows:</p> <ul style="list-style-type: none"> <li>a. Optical fabrication technologies for serially producing optical components at a rate exceeding 10 m<sup>2</sup> of surface area per year on any single spindle and having all of the following: <ul style="list-style-type: none"> <li>1. Area exceeding 1 m<sup>2</sup>; and</li> <li>2. Surface figure exceeding <math>\lambda/10</math> (rms) at the designed wavelength;</li> </ul> </li> <li>b. 'Technology' for optical filters with a bandwidth equal to or less than 10 nm, a field of view (FOV) exceeding 40° and a resolution exceeding 0,75 line pairs per milliradian;</li> <li>c. 'Technology' for the 'development' or 'production' of cameras controlled by X.A.IV.003;</li> <li>d. 'Technology' required for the 'development' or 'production' of non-triaxial fluxgate 'magnetometers' or non-triaxial fluxgate 'magnetometer' systems, having any of the following:.....</li> </ul>
<p>Airborne communication equipment, all "aircraft" inertial navigation systems, and other avionic equipment, including components, other than those specified in the CML or in Regulation (EU) 2021/821.</p>
<p>Airborne communication equipment, all "aircraft" inertial navigation systems, and other avionic equipment, including components, other than those specified in the CML or in Regulation (EU) 2021/821.</p>
<p>Airborne communication equipment, all "aircraft" inertial navigation systems, and other avionic equipment, including components, other than those specified in the CML or in Regulation (EU) 2021/821.</p>
<p>Airborne communication equipment, all "aircraft" inertial navigation systems, and other avionic equipment, including components, other than those specified in the CML or in Regulation (EU) 2021/821.</p>
<p>Airborne communication equipment, all "aircraft" inertial navigation systems, and other avionic equipment, including components, other than those specified in the CML or in Regulation (EU) 2021/821.</p>
<p>Airborne communication equipment, all "aircraft" inertial navigation systems, and other avionic equipment, including components, other than those specified in the CML or in Regulation (EU) 2021/821.</p>
<p>Airborne communication equipment, all "aircraft" inertial navigation systems, and other avionic equipment, including components, other than those specified in the CML or in Regulation (EU) 2021/821.</p>
<p>Other equipment specially designed for the test, inspection, or 'production' of navigation and avionics equipment.</p>
<p>'Software', other than specified in the CML or in Regulation (EU) 2021/821, for the 'development',</p>

<p>'Technology', other than specified in the CML or in Regulation (EU) 2021/821, for the 'development', 'production' or 'use' of navigation, airborne communication, and other avionics equipment.</p>
<p>Underwater vision systems, as follows:</p> <ol style="list-style-type: none"> <li>1. Television systems (comprising camera, lights, monitoring and signal transmission equipment) having a limiting resolution when measured in air of more than 500 lines and specially designed or modified for remote operation with a submersible vehicle; or</li> <li>2. Underwater television cameras having a limiting resolution when measured in air of more than 700 lines;</li> </ol>
<p>Photographic still cameras specially designed or modified for underwater use, having a film format of 35 mm or larger, and having autofocusing or remote focusing 'specially designed' for underwater use;</p>
<p>Stroboscopic light systems, specially designed or modified for underwater use, capable of a light output energy of more than 300 J per flash;</p>
<p>Other underwater camera equipment, other than those specified in the CML or in Regulation (EU) 2021/821;</p>
<p>Marine boilers designed to have any of the following characteristics:</p> <ol style="list-style-type: none"> <li>1. Heat release rate (at maximum rating) equal to or in excess of 1 966,4 kW/m<sup>3</sup> of furnace volume; or</li> <li>2. Ratio of steam generated in kilogram per hour (at maximum rating) to the dry weight of the boiler in kilograms equal to or in excess of 37,6.</li> </ol>
<p>Marine boilers designed to have any of the following characteristics:</p> <ol style="list-style-type: none"> <li>1. Heat release rate (at maximum rating) equal to or in excess of 1 966,4 kW/m<sup>3</sup> of furnace volume; or</li> <li>2. Ratio of steam generated in kilogram per hour (at maximum rating) to the dry weight of the boiler in kilograms equal to or in excess of 37,6.</li> </ol>
<p>Marine boilers designed to have any of the following characteristics:</p> <ol style="list-style-type: none"> <li>1. Heat release rate (at maximum rating) equal to or in excess of 1 966,4 kW/m<sup>3</sup> of furnace volume; or</li> <li>2. Ratio of steam generated in kilogram per hour (at maximum rating) to the dry weight of the boiler in kilograms equal to or in excess of 37,6.</li> </ol>
<p>Marine boilers designed to have any of the following characteristics:</p> <ol style="list-style-type: none"> <li>1. Heat release rate (at maximum rating) equal to or in excess of 1 966,4 kW/m<sup>3</sup> of furnace volume; or</li> <li>2. Ratio of steam generated in kilogram per hour (at maximum rating) to the dry weight of the boiler in kilograms equal to or in excess of 37,6.</li> </ol>
<p>Marine boilers designed to have any of the following characteristics:</p> <ol style="list-style-type: none"> <li>1. Heat release rate (at maximum rating) equal to or in excess of 1 966,4 kW/m<sup>3</sup> of furnace volume; or</li> <li>2. Ratio of steam generated in kilogram per hour (at maximum rating) to the dry weight of the boiler in kilograms equal to or in excess of 37,6.</li> </ol>
<p>Vessels (surface or underwater), including inflatable boats, and specially designed components therefor, other than those specified in the CML or in Regulation (EU) 2021/821;</p>
<p>Vessels (surface or underwater), including inflatable boats, and specially designed components therefor, other than those specified in the CML or in Regulation (EU) 2021/821;</p>
<p>Vessels (surface or underwater), including inflatable boats, and specially designed components therefor, other than those specified in the CML or in Regulation (EU) 2021/821;</p>
<p>Vessels (surface or underwater), including inflatable boats, and specially designed components therefor, other than those specified in the CML or in Regulation (EU) 2021/821;</p>
<p>Vessels (surface or underwater), including inflatable boats, and specially designed components therefor, other than those specified in the CML or in Regulation (EU) 2021/821;</p>





Marine engines (both inboard and outboard) and submarine engines and specially designed components therefor, other than those specified in the CML or in Regulation (EU) 2021/821;
Marine engines (both inboard and outboard) and submarine engines and specially designed components therefor, other than those specified in the CML or in Regulation (EU) 2021/821;
Marine engines (both inboard and outboard) and submarine engines and specially designed components therefor, other than those specified in the CML or in Regulation (EU) 2021/821;
Marine engines (both inboard and outboard) and submarine engines and specially designed components therefor, other than those specified in the CML or in Regulation (EU) 2021/821;
Marine engines (both inboard and outboard) and submarine engines and specially designed components therefor, other than those specified in the CML or in Regulation (EU) 2021/821;
Marine engines (both inboard and outboard) and submarine engines and specially designed components therefor, other than those specified in the CML or in Regulation (EU) 2021/821;
Marine engines (both inboard and outboard) and submarine engines and specially designed components therefor, other than those specified in the CML or in Regulation (EU) 2021/821;
Marine engines (both inboard and outboard) and submarine engines and specially designed components therefor, other than those specified in the CML or in Regulation (EU) 2021/821;
Marine engines (both inboard and outboard) and submarine engines and specially designed components therefor, other than those specified in the CML or in Regulation (EU) 2021/821;
Marine engines (both inboard and outboard) and submarine engines and specially designed components therefor, other than those specified in the CML or in Regulation (EU) 2021/821;
Marine engines (both inboard and outboard) and submarine engines and specially designed components therefor, other than those specified in the CML or in Regulation (EU) 2021/821;
Marine engines (both inboard and outboard) and submarine engines and specially designed components therefor, other than those specified in the CML or in Regulation (EU) 2021/821;
Marine engines (both inboard and outboard) and submarine engines and specially designed components therefor, other than those specified in the CML or in Regulation (EU) 2021/821;
Self-contained underwater breathing apparatus (scuba gear) and accessories therefor, other than those specified in the CML or in Regulation (EU) 2021/821;
Life jackets, inflation cartridges, dive compasses and dive computers;
Life jackets, inflation cartridges, dive compasses and dive computers;
Underwater lights and propulsion equipment;
Underwater lights and propulsion equipment;
Air compressors and filtration system specially designed for filling air cylinders;.

'Software' specially designed or modified for the 'development', 'production' or 'use' of equipment controlled by X.A.VI.001.
'Software' specially designed for the operation of unmanned submersible vehicles used in the oil and gas
'Technology' for the 'development', 'production' or 'use' of equipment controlled by X.A.VI.001.
Diesel engines, other than those specified in the CML or in Regulation (EU) 2021/821, for trucks, tractors, and automotive applications, having an overall power output of 298kW or more.
Diesel engines, other than those specified in the CML or in Regulation (EU) 2021/821, for trucks, tractors, and automotive applications, having an overall power output of 298kW or more.
Off highway wheel tractors of carriage capacity 9 t or more; and major components and accessories, other than those specified in the CML or in Regulation (EU) 2021/821.
Road tractors for semi-trailers, with single or tandem rear axles rated for 9 t per axel or more and specially designed major components.
Aero gas turbine engines and components specially designed therefor.
Aero gas turbine engines and components specially designed therefor.
Aero gas turbine engines and components specially designed therefor.
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Aero gas turbine engines and components specially designed therefor.
Aircraft engines, other than those specified in X.A.VII.002, the CML or in Regulation (EU) 2021/821, as follows: a. Reciprocating or rotary internal combustion piston engines; or b. Electric engines. Technical Note: For the purpose of X.A.VII.003 aircrafts includes: aeroplanes, UAVs, helicopters, autogyros, hybrid aircrafts or radio-controlled models
Aircraft engines, other than those specified in X.A.VII.002, the CML or in Regulation (EU) 2021/821, as follows: a. Reciprocating or rotary internal combustion piston engines; or b. Electric engines. Technical Note: For the purpose of X.A.VII.003 aircrafts includes: aeroplanes, UAVs, helicopters, autogyros, hybrid aircrafts or radio-controlled models
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Aircraft engines, other than those specified in X.A.VII.002, the CML or in Regulation (EU) 2021/821, as follows: a. Reciprocating or rotary internal combustion piston engines; or b. Electric engines. Technical Note: For the purpose of X.A.VII.003 aircrafts includes: aeroplanes, UAVs, helicopters, autogyros, hybrid aircrafts or radio-controlled models



Aircraft engines, other than those specified in X.A.VII.002, the CML or in Regulation (EU) 2021/821, as follows: a. Reciprocating or rotary internal combustion piston engines; or b. Electric engines. Technical Note: For the purpose of X.A.VII.003 aircrafts includes: aeroplanes, UAVs, helicopters, autogyros, hybrid aircrafts or radio-controlled models
Pressurised aircraft breathing equipment components specially designed therefor, other than those specified in the CML or in Regulation (EU) 2021/821.
Pressurised aircraft breathing equipment components specially designed therefor, other than those specified in the CML or in Regulation (EU) 2021/821.
Vibration test equipment and specially designed components, other than those specified in the CML or in Regulation (EU) 2021/821.
Vibration test equipment and specially designed components, other than those specified in the CML or in Regulation (EU) 2021/821.
Automated equipment using non-mechanical methods for measuring airfoil wall thickness;
Tooling, fixtures or measuring equipment for the 'laser', water jet or ECM/EDM hole drilling processes controlled by 9E003.c
Tooling, fixtures or measuring equipment for the 'laser', water jet or ECM/EDM hole drilling processes controlled by 9E003.c
Tooling, fixtures or measuring equipment for the 'laser', water jet or ECM/EDM hole drilling processes controlled by 9E003.c
Tooling, fixtures or measuring equipment for the 'laser', water jet or ECM/EDM hole drilling processes controlled by 9E003.c
Tooling, fixtures or measuring equipment for the 'laser', water jet or ECM/EDM hole drilling processes controlled by 9E003.c
Tooling, fixtures or measuring equipment for the 'laser', water jet or ECM/EDM hole drilling processes controlled by 9E003.c
Ceramic core leaching equipment
Ceramic core manufacturing equipment or tools
Ceramic core manufacturing equipment or tools
Ceramic core manufacturing equipment or tools
Ceramic shell wax pattern preparation equipment;
Ceramic shell burn out or firing equipment
Ceramic shell burn out or firing equipment
'Software', other than those specified in the CML or in Regulation (EU) 2021/821, for the 'development' or 'production' of equipment controlled by X.A.VII.001 or X.B.VII.001.
'Software', for the 'development' or 'production' of equipment controlled by X.A.VII.002 or X.B.VII.002.
'Technology', other than those specified in the CML or in Regulation (EU) 2021/821, for the 'development' or 'Technology', for the 'development', 'production' or 'use' of equipment controlled by X.A.VII.002 or X.B.VII.002.
Other 'technology', not described by 9E003, as follows: a. Rotor blade tip clearance control systems employing active compensating casing 'technology' limited to a design and development data base; or b. Gas bearing for turbine engine rotor assemblies.



Drill head integrated measurement equipment, including internal navigation systems for measurement while drilling (MWD);
Gas monitoring systems and detectors therefor, designed for continuous operation and detection of hydrogen sulphide
Equipment for seismological measurements, including reflection seismetics and seismic vibrators
Sediment echo sounders
Equipment, "electronic assemblies" and components, specially designed for quantum computers, quantum electronics, quantum sensors, quantum processing units, qubit circuits, qubit devices or quantum radar systems, including pockels cells.
Equipment, "electronic assemblies" and components, specially designed for quantum computers, quantum electronics, quantum sensors, quantum processing units, qubit circuits, qubit devices or quantum radar systems, including pockels cells.
Equipment, "electronic assemblies" and components, specially designed for quantum computers, quantum electronics, quantum sensors, quantum processing units, qubit circuits, qubit devices or quantum radar systems, including pockels cells.
Equipment, "electronic assemblies" and components, specially designed for quantum computers, quantum electronics, quantum sensors, quantum processing units, qubit circuits, qubit devices or quantum radar systems, including pockels cells.
Equipment, "electronic assemblies" and components, specially designed for quantum computers, quantum electronics, quantum sensors, quantum processing units, qubit circuits, qubit devices or quantum radar systems, including pockels cells.
Microscopes, related equipment and detectors as follows
Microscopes, related equipment and detectors as follows
Collector equipment for metal ores in deep seabed
Additive manufacturing equipment for the "production" of metal parts;
Additive manufacturing equipment for "energetic materials", including equipment using ultrasonic extrusion
Additive manufacturing equipment for "energetic materials", including equipment using ultrasonic extrusion
Vat photopolymerization (VVP) additive manufacturing equipment using stereo lithography (SLA) or direct light processing (DLP)
Equipment for the "production" of printed electronics for organic light emitting diodes (OLED), organic field-effect transistors (OFET) or organic photovoltaic cells (OPVC).
Equipment for the "production" of printed electronics for organic light emitting diodes (OLED), organic field-effect transistors (OFET) or organic photovoltaic cells (OPVC).
Equipment for the "production" of printed electronics for organic light emitting diodes (OLED), organic field-effect transistors (OFET) or organic photovoltaic cells (OPVC).
Equipment for the "production" of microelectromechanical systems (MEMS) using the mechanical properties of silicon, including sensors in chip format like pressure membranes, bonding beams or micro-actuators
Equipment for the "production" of microelectromechanical systems (MEMS) using the mechanical properties of silicon, including sensors in chip format like pressure membranes, bonding beams or micro-actuators
Equipment, specially designed for the production of E-Fuels (electrofuels and synthetic fuels) or ultra efficient solar cells (efficiency > 30 %).
Equipment, specially designed for the production of E-Fuels (electrofuels and synthetic fuels) or ultra efficient solar cells (efficiency > 30 %).

Equipment, specially designed for the production of E-Fuels (electrofuels and synthetic fuels) or ultra efficient solar cells (efficiency > 30 %).
Equipment, specially designed for the production of E-Fuels (electrofuels and synthetic fuels) or ultra efficient solar cells (efficiency > 30 %).
UHV pumps (sublimation, turbomolecular, diffusion, cryogenic, ion getter);
UHV pumps (sublimation, turbomolecular, diffusion, cryogenic, ion getter);
UHV pumps (sublimation, turbomolecular, diffusion, cryogenic, ion getter);
UHV pressure gauges.
UHV pressure gauges.
UHV pressure gauges.
Pulse Tubes for 'Cryogenic refrigeration systems'
Cryostats for 'Cryogenic refrigeration systems'
Dewars for 'Cryogenic refrigeration systems'
Gas Handling System (GHS) for 'Cryogenic refrigeration systems'
Compressors for 'Cryogenic refrigeration systems'
Control units for 'Cryogenic refrigeration systems'
'Decapsulation' equipment for semiconductor devices.
High Quantum Efficiency (QE) photodetectors with a QE greater than 80 % in the wavelength range exceeding 400 nm but not exceeding 1600 nm
High Quantum Efficiency (QE) photodetectors with a QE greater than 80 % in the wavelength range exceeding 400 nm but not exceeding 1600 nm
Machine tools, having one or more linear axis with a travel length greater than 8000 mm.
Machine tools, having one or more linear axis with a travel length greater than 8000 mm.
Machine tools, having one or more linear axis with a travel length greater than 8000 mm.
Machine tools, having one or more linear axis with a travel length greater than 8000 mm.
Machine tools, having one or more linear axis with a travel length greater than 8000 mm.
Water cannon systems for riot or crowd control, and components
Water cannon systems for riot or crowd control, and components
Law enforcement striking weapons, including saps, police batons, side handle batons, tonfas, sjamboks, and whips

Police helmets and shields; and components
Police helmets and shields; and components
Law enforcement restraint devices, including leg irons, shackles, and handcuffs; straight jackets; stun cuffs; shock belts; shock sleeves; multipoint restraint devices such as restraint chairs
Law enforcement restraint devices, including leg irons, shackles, and handcuffs; straight jackets; stun cuffs; shock belts; shock sleeves; multipoint restraint devices such as restraint chairs
Law enforcement restraint devices, including leg irons, shackles, and handcuffs; straight jackets; stun cuffs; shock belts; shock sleeves; multipoint restraint devices such as restraint chairs
Law enforcement restraint devices, including leg irons, shackles, and handcuffs; straight jackets; stun cuffs; shock belts; shock sleeves; multipoint restraint devices such as restraint chairs
Oil and gas exploration data; Hydraulic fracturing 'proppant,' 'fracking fluid,' and chemical additives therefor
Specific processing equipment; ring magnets
Specific processing equipment; ring magnets
Specific processing equipment; ring magnets
Specific processing equipment; ring magnets
Portable electric discharge weapons that can target only one individual each time an electric shock is administered, including but not limited to electric shock batons, electric shock shields, stun guns and electric shock dart guns;
Kits containing all essential components for assembly of portable electric discharge weapons controlled by item X.A.VIII.020.a
Kits containing all essential components for assembly of portable electric discharge weapons controlled by item X.A.VIII.020.a
Fixed or mountable electric discharge weapons that cover a wide area and can target multiple individuals with electrical shocks
Fixed or mountable electric discharge weapons that cover a wide area and can target multiple individuals with electrical shocks
Portable weapons and equipment which either administer a dose of an incapacitating or irritating chemical substance that targets one individual or disseminate a dose of such substance affecting a small area, e.g. in the form of a spray fog or cloud, when the chemical substance is administered or disseminated;
Portable weapons and equipment which either administer a dose of an incapacitating or irritating chemical substance that targets one individual or disseminate a dose of such substance affecting a small area, e.g. in the form of a spray fog or cloud, when the chemical substance is administered or disseminated;
Portable weapons and equipment which either administer a dose of an incapacitating or irritating chemical substance that targets one individual or disseminate a dose of such substance affecting a small area, e.g. in the form of a spray fog or cloud, when the chemical substance is administered or disseminated;
Pelargonic acid vanillylamide (PAVA) (CAS 2444-46-4)
Oleoresin capsicum (OC) (CAS 8023-77-6)
Mixtures containing at least 0,3 % by weight of PAVA or OC and a solvent (such as ethanol, 1-propanol or hexane), which could be administered as such as incapacitating or irritating agents, in particular in aerosols and in liquid form, or used for manufacturing of incapacitating or irritating agents;

Mixtures containing at least 0,3 % by weight of PAVA or OC and a solvent (such as ethanol, 1-propanol or hexane), which could be administered as such as incapacitating or irritating agents, in particular in aerosols and in liquid form, or used for manufacturing of incapacitating or irritating agents;
Mixtures containing at least 0,3 % by weight of PAVA or OC and a solvent (such as ethanol, 1-propanol or hexane), which could be administered as such as incapacitating or irritating agents, in particular in aerosols and in liquid form, or used for manufacturing of incapacitating or irritating agents;
Mixtures containing at least 0,3 % by weight of PAVA or OC and a solvent (such as ethanol, 1-propanol or hexane), which could be administered as such as incapacitating or irritating agents, in particular in aerosols and in liquid form, or used for manufacturing of incapacitating or irritating agents;
Mixtures containing at least 0,3 % by weight of PAVA or OC and a solvent (such as ethanol, 1-propanol or hexane), which could be administered as such as incapacitating or irritating agents, in particular in aerosols and in liquid form, or used for manufacturing of incapacitating or irritating agents;
Fixed equipment for the dissemination of incapacitating or irritating chemical substances, which can be attached to a wall or to a ceiling inside a building, comprises a canister of irritating or incapacitating chemical agents and is activated using a remote control system
Fixed equipment for the dissemination of incapacitating or irritating chemical substances, which can be attached to a wall or to a ceiling inside a building, comprises a canister of irritating or incapacitating chemical agents and is activated using a remote control system
Fixed or mountable equipment for the dissemination of incapacitating or irritating chemical agents that covers a wide area and is not designed to be attached to a wall or to a ceiling inside a building.
Fixed or mountable equipment for the dissemination of incapacitating or irritating chemical agents that covers a wide area and is not designed to be attached to a wall or to a ceiling inside a building.
Fixed or mountable equipment for the dissemination of incapacitating or irritating chemical agents that covers a wide area and is not designed to be attached to a wall or to a ceiling inside a building.
Dibenzo[b,f][1,4]oxazepine (CR) (CAS 257-07-8);
8-Methyl-N-vanillyl-trans-6-nonenamide (capsaicin) (CAS 404-86-4);
8-Methyl-N-vanillylnonamide (dihydrocapsaicin) (CAS 19408-84-5);
N-Vanillyl-9-methyldec-7-(E)-enamide (homocapsaicin) (CAS 58493-48-4);
N-Vanillyl-9-methyldecanamide (homodihydrocapsaicin) (CAS 20279-06-5);
N-Vanillyl-7-methyloctanamide (nordihydrocapsaicin) (CAS 28789-35-7);
4-Nonanolymorpholine (MPA) (CAS 5299-64-9);
Cis-4-acetylamino-dicyclohexylmethane;
N,N'-Bis(isopropyl)ethylenediimine (CAS 4013-94-9)
N,N'-Bis(tert-butyl)ethylenediimine (CAS 4062-60-6).
Amobarbital (CAS 57-43-2);
Amobarbital sodium salt (CAS 64-43-7);
Pentobarbital (CAS 76-74-4);
Pentobarbital sodium salt (CAS 57-33-0);
Secobarbital (CAS 76-73-3);



Metal powders and metal alloy powders, usable for any of the systems listed in X.A.VIII.005.a.
Metal powders and metal alloy powders, usable for any of the systems listed in X.A.VIII.005.a.
Metal powders and metal alloy powders, usable for any of the systems listed in X.A.VIII.005.a.
Metal powders and metal alloy powders, usable for any of the systems listed in X.A.VIII.005.a.
Materials for cloaking or adaptive camouflage
Metamaterials, e.g. with a negative refractive index;
Advanced fibres for the reinforcement of composite materials, including carbon fibers;
Advanced fibres for the reinforcement of composite materials, including carbon fibers;
Advanced fibres for the reinforcement of composite materials, including carbon fibers;
Advanced fibres for the reinforcement of composite materials, including carbon fibers;
Advanced fibres for the reinforcement of composite materials, including carbon fibers;
Advanced fibres for the reinforcement of composite materials, including carbon fibers;
Advanced fibres for the reinforcement of composite materials, including carbon fibers;
Advanced fibres for the reinforcement of composite materials, including carbon fibers;
Advanced fibres for the reinforcement of composite materials, including carbon fibers;
Advanced fibres for the reinforcement of composite materials, including carbon fibers;
Advanced fibres for the reinforcement of composite materials, including carbon fibers;
Advanced fibres for the reinforcement of composite materials, including carbon fibers;
High entropy alloys (HEA);
Heusler compounds;
Kitaev materials, including kitaev spin liquids.
Conjugated polymers (conductive, semiconductive, electroluminescent) for printed or organic electronics.
Conjugated polymers (conductive, semiconductive, electroluminescent) for printed or organic electronics.
Conjugated polymers (conductive, semiconductive, electroluminescent) for printed or organic electronics.
Conjugated polymers (conductive, semiconductive, electroluminescent) for printed or organic electronics.
Mixtures and propellant preparations
Mixtures and propellant preparations
Ammonium picrate (CAS 131-74-8);
Black powder;

Hexanitrodiphenylamine (CAS 131-73-7);
Difluoroamine(CAS 10405-27-3);
Nitrostarch (CAS 9056-38-6);
Tetranitronaphthalene;
Trinitroanisol;
Trinitronaphthalene;
Trinitroxylene;
Trinitroxylene;
Trinitroxylene;
Trinitroxylene;
N-pyrrolidinone; 1-methyl-2-pyrrolidinone (CAS 872-50-4);
Diocylmaleate (CAS 142-16-5);
Ethylhexylacrylate (CAS 103-11-7);
Triethylaluminium (TEA) (CAS 97-93-8), trimethylaluminium (TMA) (CAS 75-24-1), and other pyrophoric metal alkyls and aryls of lithium, sodium, magnesium, zinc or boron;
Nitrocellulose (CAS 9004-70-0);
Nitroglycerin (or glyceroltrinitrate, trinitroglycerine) (NG) (CAS 55-63-0);
2,4,6-trinitrotoluene (TNT) (CAS 118-96-7);
Ethylenediaminedinitrate (EDDN) (CAS 20829-66-7);
Pentaerythritoltetranitrate (PETN) (CAS 78-11-5);
Lead azide (CAS 13424-46-9), normal lead styphnate(CAS 15245-44-0) and basic lead styphnate (CAS 12403-82-6), and primary explosives or priming compositions containing azides or azide complexes;
Diethyldiphenylurea (CAS 85-98-3); dimethyldiphenylurea(CAS 611-92-7); methylethyldiphenyl urea.
N,N-diphenylurea (unsymmetrical diphenylurea) (CAS 603-54-3);
Methyl-N,N-diphenylurea (methyl unsymmetrical diphenylurea)(CAS 13114-72-2);
Ethyl-N,N-diphenylurea (ethyl unsymmetrical diphenylurea) (CAS 64544-71-4);
4-Nitrodiphenylamine (4-NDPA)(CAS 836-30-6);
2,2-dinitropropanol (CAS 918-52-5);
Software, specially designed for the 'development', 'production' or
Software, specially designed for the 'development', 'production' or 'use' of equipment, 'electronic assemblies' or components specified in X.A.VIII.002.
Software for digital twins of additive manufacturing products or for the determination of the reliability of additive manufacturing products.
"Software" specially designed for the "development," "production" or "use" of commodities controlled by Specific "software", as follows (see List of Items Controlled):
Technology for the 'development', 'production' or 'use' of equipment specified in X.A.VIII.001 to
Technology for the 'development', 'production' or 'use' of materials specified in X.C.VIII.002 or X.C.VIII.003
Technology for digital twins of additive manufacturing products, for the determination of the reliability of additive manufacturing products or for software specified in X.D.VIII.003.
Technology for the 'development', 'production' or 'use' of software specified in X.D.VIII.001 to X.D.VIII.002.
Technology for digital twins of additive manufacturing products, for the determination of the reliability of

Technology for digital twins of additive manufacturing products, for the determination of the reliability of
Chemical agents, including tear gas (CS, CN, liquid pepper, smoke bombs; non-irritant smoke flares, canisters,
Chemical agents, including tear gas (CS, CN, liquid pepper, smoke bombs; non-irritant smoke flares, canisters,
Chemical agents, including tear gas (CS, CN, liquid pepper, smoke bombs; non-irritant smoke flares, canisters, grenades and charges; and other pyrotechnic articles having dual military and commercial use, and
Chemical agents, including tear gas (CS, CN, liquid pepper, smoke bombs; non-irritant smoke flares, canisters, grenades and charges; and other pyrotechnic articles having dual military and commercial use, and
Chemical agents, including tear gas (CS, CN, liquid pepper, smoke bombs; non-irritant smoke flares, canisters, grenades and charges; and other pyrotechnic articles having dual military and commercial use, and
Chemical agents, including tear gas (CS, CN, liquid pepper, smoke bombs; non-irritant smoke flares, canisters, grenades and charges; and other pyrotechnic articles having dual military and commercial use, and
Chemical agents, including tear gas (CS, CN, liquid pepper, smoke bombs; non-irritant smoke flares, canisters, grenades and charges; and other pyrotechnic articles having dual military and commercial use, and
Fingerprinting powders, dyes, and inks
Protective and detection equipment not "specially designed" for military use and not controlled by 1A004 or 2B351: Personal radiation monitoring dosimeters
Protective and detection equipment not "specially designed" for military use and not controlled by 1A004 or
Protective and detection equipment not "specially designed" for military use and not controlled by 1A004 or
Technology" exclusively for the "development" or "production" of law enforcement restraint devices;
Radiation detection, monitoring and measurement equipment, other than those specified in the CML or in Regulation (EU) 2021/821
Radiographic detection equipment such as X-ray converters, and storage phosphor image plates
Radiographic detection equipment such as X-ray converters, and storage phosphor image plates
Radiographic detection equipment such as X-ray converters, and storage phosphor image plates
Radiographic detection equipment such as X-ray converters, and storage phosphor image plates
Specific processing equipment; Electrolytic cells for fluorine production
Specific processing equipment; Particle accelerators
Specific processing equipment; Industrial process control hardware/systems designed for power industries
Specific processing equipment; Industrial process control hardware/systems designed for power industries
Specific processing equipment; Industrial process control hardware/systems designed for power industries
Specific processing equipment; Industrial process control hardware/systems designed for power industries
Specific processing equipment; Industrial process control hardware/systems designed for power industries
Freon and chilled water cooling systems capable of continuous cooling duties of 29,3 kW/hr or greater
Specific processing equipment; Equipment for the production of structural composites, fibers, prepregs and preforms
Specific processing equipment; Equipment for the production of structural composites, fibers, prepregs and preforms
Specific processing equipment; Equipment for the production of structural composites, fibers, prepregs and preforms
Ethylene dichloride (CAS 107-06-2);
Nitromethane (CAS 75-52-5);



Picric acid, (CAS 88-89-1);
Aluminum chloride (CAS 7446-70-0);
Arsenic (CAS 7440-38-2);
Arsenic trioxide (CAS 1327-53-3);
Bis(2-chloroethyl)ethylamine hydrochloride (CAS 3590-07-6);
Bis(2-chloroethyl)methylamine hydrochloride (CAS 55-86-7);
Tris(2-chloroethyl)amine hydrochloride (CAS 817-09-4);
Tributylphosphite (CAS 102-85-2);
Isocyanatomethane (CAS 624-83-9);
Quinaldine (CAS 91-63-4);
2-bromochloroethane (CAS 107-04-0);
Benzil (CAS 134-81-6);
Diethyl ether (CAS 60-29-7);
Dimethyl ether (CAS 115-10-6);
Dimethylaminoethanol (CAS 108-01-0)
2-methoxyethanol (CAS 109-86-4)
Butyrylcholinesterase (BCHE);
Diethylenetriamine (CAS 111-40-0);
Dichloromethane (CAS 75-09-2);
Dimethylaniline (CAS 121-69-7);
Ethyl bromide (CAS 74-96-4);
Ethyl chloride (CAS 75-00-3);
Ethylamine (CAS 75-04-7);
Hexamine (CAS 100-97-0);
Isopropanol (CAS 67- 63-0)
Isopropyl bromide (CAS 75-26-3);
Isopropyl ether (CAS 108-20-3);
Methylamine (CAS 74-89-5);

Methyl bromide (CAS 74-83-9);
Monoisopropylamine (CAS 75-31-0);
Obidoxime chloride (CAS 114-90-9)
Potassium bromide (CAS 7758-02-3);
Pyridine (CAS 110-86-1);
Pyridostigmine bromide (CAS 101-26-8);
Sodium bromide (CAS 7647-15-6);
Sodium metal (CAS 7440-23-5);
Tributylamine (CAS 102-82-9);
Triethylamine (CAS 121-44-8); or
Trimethylamine (CAS 75-50-3).
Acetone (CAS 67-64-1);
Acetylene (CAS 74-86-2);
Ammonia (CAS 7664-41-7);
Antimony (CAS 7440-36-0);
Benzaldehyde (CAS 100-52-7);
Benzoin (CAS 119-53-9);
1-Butanol (CAS 71-36-3);
2-Butanol (CAS 78-92-2);
Iso-Butanol (CAS 78-83-1);
Tert-Butanol (CAS 75-65-0);
Calcium carbide (CAS 75-20-7);
Carbon monoxide (CAS 630-08-0);
Chlorine (CAS 7782-50-5);
Cyclohexanol (CAS 108-93-0);
Dicyclohexylamine (CAS 101-83-7);
Ethanol (CAS 64-17-5);
Ethylene (CAS 74-85-1);
Ethylene oxide (CAS 75-21-8);

Fluoroapatite (CAS 1306-05-4);
Hydrogen chloride (CAS 7647-01-0);
Hydrogen sulfide (CAS 7783-06-4);
Mandelic acid (CAS 90-64-2);
Methanol (CAS 67-56-1);
Methyl chloride (CAS 74-87-3);
Methyl iodide (CAS 74-88-4);
Methyl mercaptan (CAS 74-93-1);
Monoethyleneglycol (CAS 107-21-1);
Oxalyl chloride (CAS 79-37-8);
Potassium sulphide (CAS 1312-73-8);
Potassium thiocyanate (CAS 333-20-0);
Sodium hypochlorite (CAS 7681-52-9);
Sulphur (CAS 7704-34-9);
Sulphur dioxide (CAS 7446-09-5);
Sulphur trioxide (CAS 7446-11-9);
Thiophosphoryl chloride (CAS 3982-91-0);
Tri-isobutyl phosphite (CAS 1606-96-8);
White phosphorus (CAS 12185-10-3); or
Yellow phosphorus (CAS 7723-14-0).
Mercury (CAS 7439-97-6);
Barium chloride (CAS 10361-37-2);
Sulphuric acid (CAS 7664-93-9);
3,3-dimethyl-1-butene (CAS 558-37-2);
2,2-dimethylpropanal (CAS 630-19-3);
2,2-dimethylpropylchloride (CAS 753-89-9);
2-methylbutene (CAS 26760-64-5);
2-chloro-3-methylbutane (CAS 631-65-2);
2,3-dimethyl-2,3-butanediol (CAS 76-09-5);
2-methyl-2-butene (CAS 513-35-9);
Butyl lithium (CAS 109-72-8);
Bromo(methyl)magnesium (CAS 75-16-1);

Formaldehyde (CAS 50-00-0);
Diethanolamine (CAS 111-42-2);
Dimethylcarbonate (CAS 616-38-6);
Methyldiethanolamine hydrochloride (CAS 54060-15-0);
Diethylamine hydrochloride (CAS 660-68-4);
Diisopropylamine hydrochloride (CAS 819-79-4);
3-Quinuclidinone hydrochloride (CAS 1193-65-3);
3-Quinuclidinol hydrochloride (CAS 6238-13-7);
(R)-3- Quinuclidinol hydrochloride (CAS 42437-96-7);
N,N-Diethylaminoethanol hydrochloride (CAS 14426-20-1).

Dialkyl( $\leq$ C10) chlorophosphates;

Dialkyl( $\leq$ C10) fluorophosphates;

N,N-Methylisopropylacetamide (CAS 1339185-57-7);

N,N-Methylethylacetamide (CAS 1339632-40-4);

N,N-Ethylisopropylacetamide(CAS 1339156-10-3);

N,N-Methylpropylacetamide(CAS 1344238-28-3);

N,N-Ethylpropylacetamide(CAS 1339737-43-7);

N,N-Isopropylpropylacetamide(CAS 1341389-98-7);

N,N-Methylethylpropanamide (CAS 1339424-26-8);

N,N-Ethylisopropylpropanamide (CAS 1344354-09-1);

N,N-Methylpropylpropanamide (CAS 1340216-25-2);

N,N-Ethylpropylpropanamide (CAS 1341493-60-4);

N,N-Isopropylpropylpropanamide (CAS 1343225-93-3);

N,N-Methylisopropylpropanamide (CAS 1339042-55-5);

N,N-Methylethylbutanamide (CAS 1341049-51-1);

N,N-Methylpropylbutanamide (CAS 1343721-02-7);

N,N-Ethylpropylbutanamide (CAS 1343806-12-1);

N,N-Isopropylpropylbutanamide (CAS 1343316-02-8);

N,N-Methylisopropylbutanamide (CAS 1340219-94-4);

N,N-Ethylisopropylbutanamide (CAS 1342204-10-7);

N,N-Methylethylisobutanamidine (CAS 1342365-47-2);

N,N-Ethylpropylisobutanamidine (CAS 1342566-58-8);

N,N-Methylpropylisobutanamidine (CAS 1342270-21-6);

N,N-Isopropylpropylisobutanamidine (CAS 1342156-11-9);

N,N-Methylisopropylisobutanamidine (CAS 1341992-96-8);

N,N-Ethylisopropylisobutanamidine (CAS 1339048-76-8);

N,N-Dimethylacetamidine hydrobromide (CAS 1801188-12-4);

N,N-Dimethylacetamidine hydrochloride (CAS 2909-15-1);

N,N-Diethylacetamidine hydrochloride (CAS 91400-32-7);

N,N-Diethylacetamidine hydrobromide (CAS 78053-54-0);

N,N-Dimethylpropanamidine dihydrochloride (CAS 79972-73-9);

N,N-Dimethylpropanamidine hydrochloride (CAS 56776-15-9).

Fentanyl and its derivatives
Fentanyl and its derivatives
Chemical precursors to Central Nervous System Acting Chemicals, '4-anilino-N-phenethylpiperidine (CAS 21409-26-7) and 'N-phenethyl-4-piperidone (CAS 39742-60-4).
Chemical precursors to Central Nervous System Acting Chemicals, '4-anilino-N-phenethylpiperidine (CAS 21409-26-7) and 'N-phenethyl-4-piperidone (CAS 39742-60-4).
Fibrous and filamentary materials, not controlled by 1C010 or 1C210, for use in "composite" structures and with a specific modulus of $3,18 \times 10^6$ m or greater and a specific tensile strength of $7,62 \times 10^4$ m or greater.
Fibrous and filamentary materials, not controlled by 1C010 or 1C210, for use in "composite" structures and with a specific modulus of $3,18 \times 10^6$ m or greater and a specific tensile strength of $7,62 \times 10^4$ m or greater.
Fibrous and filamentary materials, not controlled by 1C010 or 1C210, for use in "composite" structures and with a specific modulus of $3,18 \times 10^6$ m or greater and a specific tensile strength of $7,62 \times 10^4$ m or greater.
Fibrous and filamentary materials, not controlled by 1C010 or 1C210, for use in "composite" structures and with a specific modulus of $3,18 \times 10^6$ m or greater and a specific tensile strength of $7,62 \times 10^4$ m or greater.
Fibrous and filamentary materials, not controlled by 1C010 or 1C210, for use in "composite" structures and with a specific modulus of $3,18 \times 10^6$ m or greater and a specific tensile strength of $7,62 \times 10^4$ m or greater.

Fibrous and filamentary materials, not controlled by 1C010 or 1C210, for use in "composite" structures and
Fibrous and filamentary materials, not controlled by 1C010 or 1C210, for use in "composite" structures and
Fibrous and filamentary materials, not controlled by 1C010 or 1C210, for use in "composite" structures and
Vaccines containing, or designed for use against, items controlled by 1C351, 1C353 or 1C354
Immunotoxins containing items controlled by 1C351.d
Medical products that contain any of the following; Toxins controlled by 1C351.d (except for botulinum toxins controlled by 1C351.d.3, conotoxins controlled by 1C351.d.6, or items controlled for CW reasons under 1C351.d.11 or .d.12);
Medical products that contain any of the following; Genetically modified organisms or genetic elements controlled by 1C353.a.3 (except for those that contain, or code for, botulinum toxins controlled by 1C351.d.3 or conotoxins controlled by ECCN 1C351.d.6
Medical products that contain any of the following; Genetically modified organisms or genetic elements controlled by 1C353.a.3 (except for those that contain, or code for, botulinum toxins controlled by 1C351.d.3 or conotoxins controlled by ECCN 1C351.d.6
Medical products not controlled by 1C991.c that contain Botulinum toxins controlled by ECCN 1C351.d.3
Medical products not controlled by 1C991.c that contain Conotoxins controlled by 1C351.d.6
Medical products not controlled by 1C991.c that contain Genetically modified organisms or genetic elements controlled by 1C353.a.3 that contain, or code for, botulinum toxins controlled by 1C351.d.3 or conotoxins controlled by 1C351.d.6
Diagnostic and food testing kits containing items controlled by 1C351.d (except for items controlled for CW reasons under 1C351.d.11 or .d.12).
Diagnostic and food testing kits containing items controlled by 1C351.d (except for items controlled for CW reasons under 1C351.d.11 or .d.12).
Commercial charges and devices containing energetic materials; Shaped charges "specially designed" for oil well operations, utilizing one charge functioning along a single axis, that upon detonation produce a hole
Shaped charges "specially designed" for oil well operations containing less than or equal to 0,010 kg of controlled materials
Detonation cord or shock tubes containing less than or equal to 0,064 kg per meter (300 grains per foot) of controlled materials
Cartridge power devices, that contain less than or equal to 0,70 kg of controlled materials in the deflagration material;
Detonators (electric or nonelectric) and assemblies thereof, that contain less than or equal to 0,01 kg of controlled materials;
Detonators (electric or nonelectric) and assemblies thereof, that contain less than or equal to 0,01 kg of controlled materials;
Igniters, that contain less than or equal to 0,01 kg of controlled materials;
Oil well cartridges, that contain less than or equal to 0,015 kg of controlled energetic materials;
Commercial cast or pressed boosters containing less than or equal to 1,0 kg of controlled materials;
Commercial prefabricated slurries and emulsions containing less than or equal to 10,0 kg and less than or equal to 35 % by weight of ML8 'controlled materials';
Cutters and severing tools containing less than or equal to 3,5 kg of 'controlled materials';

Pyrotechnic devices when designed exclusively for commercial purposes (e.g., theatrical stages, motion picture special effects, and fireworks displays) and containing less than or equal to 3,0 kg of 'controlled materials';
I. Other commercial explosive devices and charges not controlled by X.C.IX.006.a through.k containing less than or equal to 1,0 kg of 'controlled materials';
Nitrogen trifluoride (NF <sub>3</sub> ) in a gaseous state
Mixtures containing the following concentrations of precursor chemicals controlled by 1C350:
Thiodiglycol
Phosphorus oxychloride; POCl <sub>3</sub>
Dimethyl methylphosphonate
Methylphosphonyl dichloride
Dimethyl phosphite
Phosphorus trichloride; PCl <sub>3</sub>
Trimethyl phosphite
Thionyl chloride; SOCl <sub>2</sub>
3-Hydroxy-1-methylpiperidine
N,N-Diisopropyl-(beta)-aminoethyl chloride
N,N-Diisopropyl-(beta)-aminoethane thiol
3-Quinuclidinol
R-(-)-3-Quinuclidinol
Potassium fluoride; KF
2-Chloroethanol
Dimethylamine
Diethyl ethylphosphonate
Diethyl N,N-dimethylphosphoramidate
Diethyl phosphite
Dimethylamine hydrochloride
Ethylphosphinyl dichloride
Ethylphosphonyl dichloride
Ethylphosphonyl difluoride
Hydrogen fluoride; HF
Methyl benzilate
Methylphosphinyl dichloride
N,N-Diisopropyl-(beta)-amino-ethanol
Pinacolyl alcohol
Triethyl phosphite
Arsenic trichloride; AsCl <sub>3</sub>
Benzilic acid
Diethyl methylphosphonite
Dimethyl ethylphosphonate
Ethylphosphinyl difluoride
Methylphosphinyl difluoride
3-Quinuclidone
Phosphorus pentachloride; PCl <sub>5</sub>
Pinacolone
Potassium cyanide; KCN
Potassium bifluoride; KHF <sub>2</sub>
Ammonium hydrogen fluoride; (NH <sub>4</sub> )HF <sub>2</sub>

Sodium fluoride; NaF
Sodium bifluoride; NaHF <sub>2</sub>
Sodium cyanide; NaCN
Triethanolamine
Phosphorus pentasulphide
Diisopropylamine
Diethylaminoethanol
Sodium sulphide; Na <sub>2</sub> S
Sulphur monochloride; S <sub>2</sub> Cl <sub>2</sub>
Sulphur dichloride: SCl <sub>2</sub>
Triethanolamine hydrochloride
N,N-Diisopropyl-2-aminoethyl chloride hydrochloride
Methylphosphonic acid
Diethyl methylphosphonate
N,N-Dimethylaminophosphoryl dichloride
Triisopropyl phosphite
Ethyl diethanolamine
O,O-Diethyl phosphorothioate
O,O-Diethyl phosphorodithioate
Sodium hexafluorosilicate; Na <sub>2</sub> SiF <sub>6</sub>
Methylphosphonothioic dichloride
Diethylamine
N,N-Diisopropylaminoethanethiol hydrochloride
Methyl dichlorophosphate
Ethyl dichlorophosphate
Methyl difluorophosphate
Ethyl difluorophosphate
Diethyl chlorophosphite
Methyl chlorofluorophosphate
Ethyl chlorofluorophosphate
N,N-Dimethylformamide
N,N-Diethylformamide
N,N-Dipropylformamide
N,N-Diisopropylformamide
N,N-Dimethylacetamide
N,N-Diethylacetamide
N,N-Dipropylacetamide
N,N-Dimethylpropanamide
N,N-Diethylpropanamide
N,N-Dipropylpropanamide
N,N-Dimethylbutanamide
N,N-Diethylbutanamide
N,N-Dipropylbutanamide
N,N-Diisopropylbutanamide
N,N-Dimethylisobutanamide
N,N-Diethylisobutanamide
N,N-Dipropylisobutanamide
b. Mixtures containing the following concentrations of toxic or precursor chemicals controlled by 1C450:





Specific materials; 304 and 316 stainless steel plate
Specific materials; 304 and 316 stainless steel plate
Specific materials; 304 and 316 stainless steel plate
Specific materials; 304 and 316 stainless steel plate
Specific materials; 304 and 316 stainless steel plate
Specific materials; 304 and 316 stainless steel plate
Specific materials; 304 and 316 stainless steel plate
Specific materials; 304 and 316 stainless steel plate
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Specific materials; 304 and 316 stainless steel plate
Specific materials; 304 and 316 stainless steel plate
Specific materials; 304 and 316 stainless steel plate
Specific materials; 304 and 316 stainless steel plate
Specific materials; 304 and 316 stainless steel plate
Specific materials; 304 and 316 stainless steel plate
Specific materials; 304 and 316 stainless steel plate
Specific materials; Monel plate
Specific materials; Tributyl phosphate
Specific materials; Nitric acid in concentrations of 20 weight percent or greater
Specific materials; Fluorine
Specific materials; Alpha emitting radionuclides
Specific materials; Alpha emitting radionuclides
Specific materials; Alpha emitting radionuclides

Aromatic polyamides (aramids) not controlled by 1C010, 1C210 or X.C.IX.004, presented in any of the following forms (see List of Items Controlled):

- a. Primary forms;
- b. Filament yarn or monofilaments;
- c. Filament tows;
- d. Rovings;
- e. Staple or chopped fibres;
- f. Fabrics;
- g. Pulp or flocks

Aromatic polyamides (aramids) not controlled by 1C010, 1C210 or X.C.IX.004, presented in any of the following forms (see List of Items Controlled):

- a. Primary forms;
- b. Filament yarn or monofilaments;
- c. Filament tows;
- d. Rovings;
- e. Staple or chopped fibres;
- f. Fabrics;
- g. Pulp or flocks

Aromatic polyamides (aramids) not controlled by 1C010, 1C210 or X.C.IX.004, presented in any of the following forms (see List of Items Controlled):

- a. Primary forms;
- b. Filament yarn or monofilaments;
- c. Filament tows;
- d. Rovings;
- e. Staple or chopped fibres;
- f. Fabrics;
- g. Pulp or flocks

Aromatic polyamides (aramids) not controlled by 1C010, 1C210 or X.C.IX.004, presented in any of the following forms (see List of Items Controlled):

- a. Primary forms;

Aromatic polyamides (aramids) not controlled by 1C010, 1C210 or X.C.IX.004, presented in any of the following forms (see List of Items Controlled):

- a. Primary forms;
- b. Filament yarn or monofilaments;
- c. Filament tows;
- d. Rovings;
- e. Staple or chopped fibres;
- f. Fabrics;
- g. Pulp or flocks

Nanomaterials as follows (see List of Items Controlled):

- a. Semiconductor nanomaterials;

Nanomaterials as follows (see List of Items Controlled):

- a. Semiconductor nanomaterials;

Nanomaterials as follows (see List of Items Controlled):

- a. Semiconductor nanomaterials;

Rare-earth metals and compounds, either in organic or inorganic form, including mixtures whether or not intermixed or interalloyed.

Rare-earth metals and compounds, either in organic or inorganic form, including mixtures whether or not intermixed or interalloyed.

Rare-earth metals and compounds, either in organic or inorganic form, including mixtures whether or not intermixed or interalloyed.

Rare-earth metals and compounds, either in organic or inorganic form, including mixtures whether or not intermixed or interalloyed.
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Rare-earth metals and compounds, either in organic or inorganic form, including mixtures whether or not intermixed or interalloyed.
Rare-earth metals and compounds, either in organic or inorganic form, including mixtures whether or not intermixed or interalloyed.
Rare-earth metals and compounds, either in organic or inorganic form, including mixtures whether or not intermixed or interalloyed.
Rare-earth metals and compounds, either in organic or inorganic form, including mixtures whether or not intermixed or interalloyed. Note 1: Rare-earth metals and compounds include Scandium, Yttrium, Lanthanum, Cerium, Praseodymium, Neodymium, Promethium, Samarium, Europium, Gadolinium, Terbium, Dysprosium, Holmium, Erbium, Thulium, Ytterbium and Lutetium; Note 2: For the purpose of the control X.C.IX.012 minerals containing rare-earth metals are excluded; Note 3: X.C.IX.012 does not control mixtures in which no individually metal or compound specified in this entry constitutes more than 5 % by the weight of the mixture.
Rare-earth metals and compounds, either in organic or inorganic form, including mixtures whether or not intermixed or interalloyed. Note 1: Rare-earth metals and compounds include Scandium, Yttrium, Lanthanum, Cerium, Praseodymium, Neodymium, Promethium, Samarium, Europium, Gadolinium, Terbium, Dysprosium, Holmium, Erbium,
Tungsten, tungsten carbide and alloys, not controlled by 1C117 or 1C226, containing more than 90 % tungsten by weight. Note 1: For the purpose of the control X.C.IX.013, wire is excluded <u>Note 2: For the purpose of the control X.C.IX.013, surgical or medical instruments are excluded.</u>
Tungsten, tungsten carbide and alloys, not controlled by 1C117 or 1C226, containing more than 90 % tungsten by weight. Note 1: For the purpose of the control X.C.IX.013, wire is excluded Note 2: For the purpose of the control X.C.IX.013, surgical or medical instruments are excluded.
Tungsten, tungsten carbide and alloys, not controlled by 1C117 or 1C226, containing more than 90 % tungsten by weight. Note 1: For the purpose of the control X.C.IX.013, wire is excluded Note 2: For the purpose of the control X.C.IX.013, surgical or medical instruments are excluded.
Tungsten, tungsten carbide and alloys, not controlled by 1C117 or 1C226, containing more than 90 % tungsten by weight. Note 1: For the purpose of the control X.C.IX.013, wire is excluded Note 2: For the purpose of the control X.C.IX.013, surgical or medical instruments are excluded.
Tungsten, tungsten carbide and alloys, not controlled by 1C117 or 1C226, containing more than 90 % tungsten by weight.
Specific software, other than those specified in the CML or in Regulation (EU) 2021/821, as follows (see List of Items Controlled):

<p>"Technology" for the "development", "production", or "use" of fibrous and filamentary materials controlled by X.C.IX.004 and X.C.IX.010.</p>
<p>"Technology" for the "development", "production", or "use" of nanomaterials controlled by X.C.IX.011.</p>
<p>Explosives detection equipment for automated decision making to detect and identify bulk explosives utilizing, but not limited to, x-ray (e.g., computed tomography, dual energy, or coherent scattering), nuclear (e.g., thermal neutron analysis, pulse fast neutron analysis, pulse fast neutron transmission spectroscopy, and gamma resonance absorption), or electromagnetic techniques (e.g., quadropole resonance and dielectrometry).</p>
<p>Explosives detection equipment for automated decision making to detect and identify bulk explosives utilizing, but not limited to, x-ray (e.g., computed tomography, dual energy, or coherent scattering), nuclear (e.g., thermal neutron analysis, pulse fast neutron analysis, pulse fast neutron transmission spectroscopy, and gamma resonance absorption), or electromagnetic techniques (e.g., quadropole resonance and dielectrometry).</p>
<p>Explosives detection equipment for automated decision making to detect and identify bulk explosives</p>
<p>Explosives detection equipment for automated decision making to detect and identify bulk explosives utilizing, but not limited to, x-ray (e.g., computed tomography, dual energy, or coherent scattering), nuclear (e.g., thermal neutron analysis, pulse fast neutron analysis, pulse fast neutron transmission spectroscopy, and gamma resonance absorption), or electromagnetic techniques (e.g., quadropole resonance and dielectrometry).</p>
<p>Detonator detection equipment for automated decision making to detect and identify initiation devices (e.g. detonators, blasting caps) utilizing, but not limited to, x-ray (e.g. dual energy or computed tomography) or electromagnetic techniques.</p>
<p>Detonator detection equipment for automated decision making to detect and identify initiation devices (e.g. detonators, blasting caps) utilizing, but not limited to, x-ray (e.g. dual energy or computed tomography) or electromagnetic techniques.</p>
<p>Detonator detection equipment for automated decision making to detect and identify initiation devices (e.g. detonators, blasting caps) utilizing, but not limited to, x-ray (e.g. dual energy or computed tomography) or</p>
<p>Detonator detection equipment for automated decision making to detect and identify initiation devices (e.g. detonators, blasting caps) utilizing, but not limited to, x-ray (e.g. dual energy or computed tomography) or electromagnetic techniques.</p>
<p>Concealed object detection equipment operating in the frequency range from 30 GHz to 3000 GHz and having a spatial resolution of 0.1 mrad (milliradian) up to and including 1 mrad (milliradian) at a standoff</p>
<p>Concealed object detection equipment operating in the frequency range from 30 GHz to 3 000 GHz and having a spatial resolution of 0,1 mrad (milliradian) up to and including 1 mrad (milliradian) at a standoff distance of 100 m; and components, other than those specified in the CML or in Regulation (EU) 2021/821.</p>
<p>Ball bearings or Solid ball bearings, having tolerances specified by the manufacturer in accordance with ABEC 7, ABEC 7P, or ABEC 7T or ISO Standard Class 4 or better (or equivalents) and having any of the following</p>
<p>Concealed object detection equipment operating in the frequency range from 30 GHz to 3 000 GHz and having a spatial resolution of 0.1 mrad (milliradian) up to and including 1 mrad (milliradian) at a standoff</p>
<p>Ball bearings or Solid ball bearings, having tolerances specified by the manufacturer in accordance with ABEC 7, ABEC 7P, or ABEC 7T or ISO Standard Class 4 or better (or equivalents) and With lubricating elements or "part" or "component" modifications that, according to the manufacturer's specifications, are "specially designed" to enable the bearings to operate at speeds exceeding 2,3 million DN</p>

Ball bearings or Solid ball bearings, having tolerances specified by the manufacturer in accordance with ABEC 7, ABEC 7P, or ABEC 7T or ISO Standard Class 4 or better (or equivalents) and With lubricating elements or “part” or “component” modifications that, according to the manufacturer's specifications, are “specially designed” to enable the bearings to operate at speeds exceeding 2,3 million DN
Solid tapered roller bearings, having tolerances specified by the manufacturer in accordance with ANSI/AFBMA Class 00 (inch) or Class A (metric) or better (or equivalents) and With lubricating elements or “part” or “component” modifications that, according to the manufacturer's specifications, are “specially designed” to enable the bearings to operate at speeds exceeding 2,3 million DN
Solid tapered roller bearings, having tolerances specified by the manufacturer in accordance with ANSI/AFBMA Class 00 (inch) or Class A (metric) or better (or equivalents) and Manufactured for use at operating temperatures below 219 K ( 54 °C) or above 423 K (150°C).
Gas-lubricated foil bearing manufactured for use at operating temperatures of 561 K (288 °C) or higher and a unit load capacity exceeding 1 Mpa
Active magnetic bearing systems.
Active magnetic bearing systems.
Fabric-lined self-aligning or fabric-lined journal sliding bearings manufactured for use at operating temperatures below 219 K (-54 °C) or above 423 K (150 °C).
Pressure tube, pipe, and fittings of 200 mm or more inside diameter, and suitable for operation at pressures of 3,4 MPa or greater;
Pressure tube, pipe, and fittings of 200 mm or more inside diameter, and suitable for operation at pressures of 3,4 MPa or greater;
Pressure tube, pipe, and fittings of 200 mm or more inside diameter, and suitable for operation at pressures of 3,4 MPa or greater;
Pressure tube, pipe, and fittings of 200 mm or more inside diameter, and suitable for operation at pressures of 3,4 MPa or greater;
Pressure tube, pipe, and fittings of 200 mm or more inside diameter, and suitable for operation at pressures of 3,4 MPa or greater;
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Pressure tube, pipe, and fittings of 200 mm or more inside diameter, and suitable for operation at pressures of 3,4 MPa or greater;
Pipe valves having all of the following characteristics that are not controlled by ECCN 2B350.g b.1. A pipe size connection of 200 mm or more inside diameter; and b.2. Rated at 10,3 MPa or more.
Pipe valves having all of the following characteristics that are not controlled by ECCN 2B350.g b.1. A pipe size connection of 200 mm or more inside diameter; and b.2. Rated at 10,3 MPa or more.

Pipe valves having all of the following characteristics that are not controlled by ECCN 2B350.g b.1. A pipe size connection of 200 mm or more inside diameter; and b.2. Rated at 10,3 MPa or more.
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Pumps designed to move molten metals by electromagnetic forces
Portable electric generators and specially designed components
Portable electric generators and specially designed components
Portable electric generators and specially designed components
Portable electric generators and specially designed components
Portable electric generators and specially designed components
Portable electric generators and specially designed components
Portable electric generators and specially designed components
Portable electric generators and specially designed components
Specific processing equipment; Bellows sealed valves
Specific processing equipment; Bellows sealed valves
Specific processing equipment; Bellows sealed valves
Specific processing equipment; Bellows sealed valves
Specific processing equipment; Bellows sealed valves

Specific processing equipment; Bellows sealed valves
Specific processing equipment; Bellows sealed valves
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Specific processing equipment; Bellows sealed valves
Specific processing equipment; Bellows sealed valves
Specific processing equipment; Bellows sealed valves
Specific processing equipment; Bellows sealed valves
Specific processing equipment; Bellows sealed valves
Continuous flow reactors' and their 'modular components'
Nucleic acid assemblers and synthesizers
Automated peptide synthesizers
Numerical control" units for machine tools
Motion control boards" "specially designed" for machine tools and having any of the following characteristics: b.1. Interpolation in more than four axes; b.2. Capable of "real-time processing" of data to modify tool path, feed rate and spindle data, during the machining operation, by any of the following: b.2.a. Automatic calculation and modification of part program data for machining in two or more axes by means of measuring cycles and access to source data; or b.2.b. "Adaptive control" with more than one physical variable measured and processed by means of a "Numerically controlled" machine tools that, according to the manufacturer's technical specifications, can be equipped with electronic devices for simultaneous contouring control in two or more axes and that have both of the following characteristics: 1. Two or more axes that can be coordinated simultaneously for contouring control; and 2. Positioning accuracies according to ISO 230/2 (2006), with all compensations available: a. Better than 15 µm along any linear axis (overall positioning) for grinding machines; b. Better than 15 µm along any linear axis (overall positioning) for milling machines; or c. Better than 15 µm along any linear axis (overall positioning) for turning machines; or
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Machine tools for turning, grinding, milling or any combination thereof, having two or more axes that can be coordinated simultaneously for contouring control and having any of the following characteristics:

a. One or more contouring “tilting spindles”;

Note: X.B.X.004.d.1.a. applies to machine tools for grinding or milling only.

b. “Camming” (axial displacement) in one revolution of the spindle less (better) than 0,0006 mm total indicator reading (TIR);

Note: X.B.X.004.d.1.b. applies to machine tools for turning only.

c. “Run-out” (out-of-true running) in one revolution of the spindle less (better) than 0,0006 mm total indicator reading (TIR); or

d. The positioning accuracies, with all compensations available, are less (better) than: 0,001° on any rotary axis;

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d. The positioning accuracies, with all compensations available, are less (better) than: 0,001° on any rotary axis;

Machine tools for turning, grinding, milling or any combination thereof, having two or more axes that can be coordinated simultaneously for contouring control and having any of the following characteristics:

Electrical discharge machines (EDM) of the wire feed type that have five or more axes that can be

Non "numerically controlled" Turning machines using a single point cutting tool and having all of the following characteristics:
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Non "numerically controlled" Turning machines using a single point cutting tool and having all of the following characteristics:
Non "numerically controlled" Turning machines using a single point cutting tool and having all of the following characteristics:
Non "numerically controlled" Fly cutting machines having all of the following characteristics: 1. Spindle "run-out" and "camming" less (better) than 0,0004 mm TIR; and 2. Angular deviation of slide movement (yaw, pitch and roll) less (better) than 2 seconds of arc, TIR, over full travel.
Non "numerically controlled" Fly cutting machines having all of the following characteristics: 1. Spindle "run-out" and "camming" less (better) than 0,0004 mm TIR; and 2. Angular deviation of slide movement (yaw, pitch and roll) less (better) than 2 seconds of arc, TIR, over full travel.
Gearmaking and/or finishing machinery not controlled by 2B003 capable of producing gears to a quality level of better than AGMA 11.
Gearmaking and/or finishing machinery not controlled by 2B003 capable of producing gears to a quality level of better than AGMA 11.
Gearmaking and/or finishing machinery not controlled by 2B003 capable of producing gears to a quality level of better than AGMA 11.
Gearmaking and/or finishing machinery not controlled by 2B003 capable of producing gears to a quality level of better than AGMA 11.
Gearmaking and/or finishing machinery not controlled by 2B003 capable of producing gears to a quality level of better than AGMA 11.
Gearmaking and/or finishing machinery not controlled by 2B003 capable of producing gears to a quality level of better than AGMA 11.
Gearmaking and/or finishing machinery not controlled by 2B003 capable of producing gears to a quality level of better than AGMA 11.
Dimensional inspection or measuring systems or equipment not controlled by 2B006 or 2B206, as follows: Manual dimensional inspection machines, having both of the following characteristics:
Dimensional inspection or measuring systems or equipment not controlled by 2B006 or 2B206, as follows: Manual dimensional inspection machines, having both of the following characteristics: a.1. Two or more axes; and a.2. A measurement uncertainty equal to or less (better) than $(3 + L/300)$ micrometer in any axes (L measured length in mm).
"Robots" not controlled by 2B007 or 2B207 that are capable of employing feedback information in real-time processing from one or more sensors to generate or modify "programs" or to generate or modify numerical program data.



<p>Assemblies, circuit boards or inserts specially designed for machine tools controlled by X.B.X.004, or for equipment controlled by X.B.X.006, X.B.X.007 or X.B.X.008:</p> <p>a. Spindle assemblies, consisting of spindles and bearings as a minimal assembly, with radial (“run-out”) or axial (“camming”) axis motion in one revolution of the spindle less (better) than 0,0006 mm total indicator reading (TIR);</p>
<p>Assemblies, circuit boards or inserts specially designed for machine tools controlled by X.B.X.004, or for equipment controlled by X.B.X.006, X.B.X.007 or X.B.X.008:</p> <p>a. Spindle assemblies, consisting of spindles and bearings as a minimal assembly, with radial (“run-out”) or axial (“camming”) axis motion in one revolution of the spindle less (better) than 0,0006 mm total indicator reading (TIR);</p>
<p>Assemblies, circuit boards or inserts specially designed for machine tools controlled by X.B.X.004, or for equipment controlled by X.B.X.006, X.B.X.007 or X.B.X.008:</p> <p>a. Spindle assemblies, consisting of spindles and bearings as a minimal assembly, with radial (“run-out”) or axial (“camming”) axis motion in one revolution of the spindle less (better) than 0,0006 mm total indicator reading (TIR);</p>
<p>Assemblies, circuit boards or inserts specially designed for machine tools controlled by X.B.X.004, or for equipment controlled by X.B.X.006, X.B.X.007 or X.B.X.008:</p> <p>a. Spindle assemblies, consisting of spindles and bearings as a minimal assembly, with radial (“run-out”) or axial (“camming”) axis motion in one revolution of the spindle less (better) than 0,0006 mm total indicator reading (TIR);</p>
<p>Assemblies, circuit boards or inserts specially designed for machine tools controlled by X.B.X.004, or for equipment controlled by X.B.X.006, X.B.X.007 or X.B.X.008:</p> <p>a. Spindle assemblies, consisting of spindles and bearings as a minimal assembly, with radial (“run-out”) or axial (“camming”) axis motion in one revolution of the spindle less (better) than 0,0006 mm total indicator reading (TIR);</p>
<p>Assemblies, circuit boards or inserts specially designed for machine tools controlled by X.B.X.004, or for equipment controlled by X.B.X.006, X.B.X.007 or X.B.X.008:</p> <p>a. Spindle assemblies, consisting of spindles and bearings as a minimal assembly, with radial (“run-out”) or axial (“camming”) axis motion in one revolution of the spindle less (better) than 0,0006 mm total indicator reading (TIR);</p>
<p>Assemblies, circuit boards or inserts specially designed for machine tools controlled by X.B.X.004, or for equipment controlled by X.B.X.006, X.B.X.007 or X.B.X.008:</p> <p>a. Spindle assemblies, consisting of spindles and bearings as a minimal assembly, with radial (“run-out”) or axial (“camming”) axis motion in one revolution of the spindle less (better) than 0,0006 mm total indicator reading (TIR);</p>
<p>Assemblies, circuit boards or inserts specially designed for machine tools controlled by X.B.X.004, or for equipment controlled by X.B.X.006, X.B.X.007 or X.B.X.008:</p> <p>a. Spindle assemblies, consisting of spindles and bearings as a minimal assembly, with radial (“run-out”) or axial (“camming”) axis motion in one revolution of the spindle less (better) than 0,0006 mm total indicator reading (TIR);</p>
<p>Assemblies, circuit boards or inserts specially designed for machine tools controlled by X.B.X.004, or for equipment controlled by X.B.X.006, X.B.X.007 or X.B.X.008:</p> <p>a. Spindle assemblies, consisting of spindles and bearings as a minimal assembly, with radial (“run-out”) or axial (“camming”) axis motion in one revolution of the spindle less (better) than 0,0006 mm total indicator reading (TIR);</p>
<p>Assemblies, circuit boards or inserts specially designed for machine tools controlled by X.B.X.004, or for equipment controlled by X.B.X.006, X.B.X.007 or X.B.X.008:</p> <p>a. Spindle assemblies, consisting of spindles and bearings as a minimal assembly, with radial (“run-out”) or axial (“camming”) axis motion in one revolution of the spindle less (better) than 0,0006 mm total indicator reading (TIR);</p>
<p>Assemblies, circuit boards or inserts specially designed for machine tools controlled by X.B.X.004, or for equipment controlled by X.B.X.006, X.B.X.007 or X.B.X.008:</p> <p>Single point diamond cutting tool inserts, having all of the following characteristics:</p> <ol style="list-style-type: none"> <li>1. Flawless and chip-free cutting edge when magnified 400 times in any direction;</li> <li>2. Cutting radius from 0,1 to 5 mm inclusive; and</li> <li>3. Cutting radius out-of-roundness less (better) than 0,002 mm TIR.</li> </ol>











Austenitic stainless steel plate, valves, piping, tanks and vessels

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Floor-mounted fume hoods (walk-in style) with a minimum nominal width of 2,5 metres.
Class II biosafety cabinets and glove boxes.
Batch centrifuges with a rotor capacity of 4 litres or greater, usable with biological materials.
Fermenters with an internal volume of 10–20 litres, usable with biological materials
Reaction vessels, reactors, agitators, heat exchangers, condensers, pumps (including single seal pumps), valves, storage tanks, containers, receivers, and distillation or absorption columns that meet performance parameters of the control 2B3501, regardless of their materials of construction. Note: For the purpose of the control X.B.X.015, plumbing valves and storage tanks with total internal (geometric) volume less than 1 m <sup>3</sup> (1000 litres) designed for domestic water or gas systems are excluded.



<p>Reaction vessels, reactors, agitators, heat exchangers, condensers, pumps (including single seal pumps), valves, storage tanks, containers, receivers, and distillation or absorption columns that meet performance parameters of the control 2B3501, regardless of their materials of construction.</p> <p>Note: For the purpose of the control X.B.X.015, plumbing valves and storage tanks with total internal (geometric) volume less than 1 m<sup>3</sup> (1000 litres) designed for domestic water or gas systems are excluded.</p>
<p>Reaction vessels, reactors, agitators, heat exchangers, condensers, pumps (including single seal pumps), valves, storage tanks, containers, receivers, and distillation or absorption columns that meet performance parameters of the control 2B3501, regardless of their materials of construction.</p> <p>Note: For the purpose of the control X.B.X.015, plumbing valves and storage tanks with total internal (geometric) volume less than 1 m<sup>3</sup> (1000 litres) designed for domestic water or gas systems are excluded.</p>
<p>Conventional or turbulent air-flow clean-air rooms and self-contained fan-HEPA filter units that may be used for P3 or P4 (BSL 3, BSL 4, L3, L4) containment facilities.</p>
<p>Conventional or turbulent air-flow clean-air rooms and self-contained fan-HEPA filter units that may be used for P3 or P4 (BSL 3, BSL 4, L3, L4) containment facilities.</p>
<p>Conventional or turbulent air-flow clean-air rooms and self-contained fan-HEPA filter units that may be used for P3 or P4 (BSL 3, BSL 4, L3, L4) containment facilities.</p>
<p>Vacuum pumps with a manufacturer's specified maximum flow-rate greater than 1 m<sup>3</sup>/h (under standard temperature and pressure conditions), casings (pump bodies), pumps, in which all surfaces that come into direct contact with the chemicals being processed are made from controlled materials.</p>
<p>Vacuum pumps with a manufacturer's specified maximum flow-rate greater than</p>
<p>Vacuum pumps with a manufacturer's specified maximum flow-rate greater than 1 m<sup>3</sup>/h (under standard temperature and pressure conditions), casings (pump bodies), pumps, in which all surfaces that come into direct contact with the chemicals being processed are made from controlled materials.</p>
<p>Laboratory equipment, including parts and accessories for such equipment, for the analysis or detection, destructive or non-destructive, of chemical substances.</p>
<p>Laboratory equipment, including parts and accessories for such equipment, for the analysis or detection, destructive or non-destructive, of chemical substances.</p>
<p>Laboratory equipment, including parts and accessories for such equipment, for the analysis or detection, destructive or non-destructive, of chemical substances.</p>
<p>Laboratory equipment, including parts and accessories for such equipment, for the analysis or detection, destructive or non-destructive, of chemical substances.</p>
<p>Laboratory equipment, including parts and accessories for such equipment, for the analysis or detection, destructive or non-destructive, of chemical substances.</p>
<p>Laboratory equipment, including parts and accessories for such equipment, for the analysis or detection, destructive or non-destructive, of chemical substances.</p>
<p>Laboratory equipment, including parts and accessories for such equipment, for the analysis or detection, destructive or non-destructive, of chemical substances.</p>
<p>Laboratory equipment, including parts and accessories for such equipment, for the analysis or detection, destructive or non-destructive, of chemical substances.</p>
<p>Laboratory equipment, including parts and accessories for such equipment, for the analysis or detection, destructive or non-destructive, of chemical substances.</p>
<p>Whole chlor-alkali electrolysis cells – mercury, diaphragm and membrane.</p>
<p>Titanium electrodes (including those with coatings produced from other metal oxides), specially designed for use in chlor-alkali cells.</p>

Titanium electrodes (including those with coatings produced from other metal oxides), specially designed for use in chlor-alkali cells.
Nickel electrodes (including those with coatings produced from other metal oxides), specially designed for use in chlor-alkali cells.
Nickel electrodes (including those with coatings produced from other metal oxides), specially designed for use in chlor-alkali cells.
Nickel electrodes (including those with coatings produced from other metal oxides), specially designed for use in chlor-alkali cells.
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Nickel electrodes (including those with coatings produced from other metal oxides), specially designed for use in chlor-alkali cells.
Bipolar titanium nickel electrodes (including those with coatings produced from other metal oxides), specially designed for use in chlor-alkali cells.
Bipolar titanium nickel electrodes (including those with coatings produced from other metal oxides), specially designed for use in chlor-alkali cells.
Asbestos diaphragms specially designed for use in chlor-alkali cells.
Fluoropolymer based diaphragms specially designed for use in chlor-alkali cells.
Fluoropolymer based ion exchange membranes specially designed for use in chloralkali cells.
Compressors specially designed to compress wet or dry chlorine, regardless of material of construction.
Compressors specially designed to compress wet or dry chlorine, regardless of material of construction.
Compressors specially designed to compress wet or dry chlorine, regardless of material of construction.
Compressors specially designed to compress wet or dry chlorine, regardless of material of construction.
Compressors specially designed to compress wet or dry chlorine, regardless of material of construction.
Compressors specially designed to compress wet or dry chlorine, regardless of material of construction.
Microwave reactors – Machinery, plant or laboratory equipment, whether or not electrically heated, for the treatment of materials by a process involving a change of temperature such as heating.
“Software” specially designed or modified for the “development”, “production” or “use” of equipment controlled by X.A.X.001.
“Software” “required” for the “development”, “production” or “use” of concealed object detection equipment controlled by X.A.X.002.
“Software” specially designed for the “development”, “production”, or “use” of equipment controlled by X.B.X.004, X.B.X.006, or X.B.X.007, X.B.X.008, and X.B.X.009.









<b>2023 CN Code</b>
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## 014 Annex

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68138100
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CN text
Chlorides, chloride oxides and chloride hydroxides; bromides and bromide oxides; iodides and iodide oxides of iron
Chlorides, chloride oxides and chloride hydroxides; bromides and bromide oxides; iodides and <del>iodide oxides: other</del>
Peroxisulphates (persulphates)
Peroxisulphates (persulphates)
Chemical products and preparations of the chemical or allied industries; not composed of organic compounds,
Copper foil (whether or not printed or backed with paper, paperboard, plastics or similar backing materials) of a thickness (excluding any backing) not exceeding 0,15 mm; not backed
Copper foil (whether or not printed or backed with paper, paperboard, plastics or similar backing materials) of a thickness (excluding any backing) not exceeding 0,15 mm; backed
Other self-adhesive plates, sheets, film, foil, tape, strip and other flat shapes, of plastics, in rolls of a width not exceeding 20 cm:
Other self-adhesive plates, sheets, film, foil, tape, strip and other flat shapes, of plastics, whether or not in rolls
Software
Software
Technology
Technology
Data-processing machines, automatic, comprising in the same housing at least a central processing unit, and one input unit and one output unit, whether or not combined (excl. portable weighing <=
Data-processing machines, automatic, presented in the form of systems "comprising at least a central processing unit, one input unit and one output unit" (excl. portable weighing <= 10 kg and
Processing units for automatic data-processing machines, whether or not containing in the same housing one or two of the following types of unit: storage units, input units, output units (excl. those of heading 8471.41 or 8471.49 and excl. peripheral units)
Units for automatic data-processing machines (excl. processing units, input or output units and storage units)
Data-processing machines, automatic, comprising in the same housing at least a central processing unit, and one input unit and one output unit, whether or not combined (excl. portable weighing <=
Data-processing machines, automatic, presented in the form of systems "comprising at least a central processing unit, one input unit and one output unit" (excl. portable weighing <= 10 kg and

Processing units for automatic data-processing machines, whether or not containing in the same housing one or two of the following types of unit: storage units, input units, output units (excl. those of heading 8471.41 or 8471.49 and excl. peripheral units)
Units for automatic data-processing machines (excl. processing units, input or output units and storage units)
Data-processing machines, automatic, comprising in the same housing at least a central processing unit, and one input unit and one output unit, whether or not combined (excl. portable weighing <= 10 kg and excl. those presented in the form of systems and peripheral units)
Data-processing machines, automatic, presented in the form of systems "comprising at least a central processing unit, one input unit and one output unit" (excl. portable weighing <= 10 kg and excl. peripheral units)
Processing units for automatic data-processing machines, whether or not containing in the same housing one or two of the following types of unit: storage units, input units, output units (excl. those of heading 8471.41 or 8471.49 and excl. peripheral units)
Units for automatic data-processing machines (excl. processing units, input or output units and storage units)
Data-processing machines, automatic, comprising in the same housing at least a central processing unit, and one input unit and one output unit, whether or not combined (excl. portable weighing <= 10 kg and excl. those presented in the form of systems and peripheral units)
Data-processing machines, automatic, presented in the form of systems "comprising at least a central processing unit, one input unit and one output unit" (excl. portable weighing <= 10 kg and excl. peripheral units)
Processing units for automatic data-processing machines, whether or not containing in the same housing one or two of the following types of unit: storage units, input units, output units (excl. those of heading 8471.41 or 8471.49 and excl. peripheral units)
Units for automatic data-processing machines (excl. processing units, input or output units and storage units)
Data-processing machines, automatic, comprising in the same housing at least a central processing unit, and one input unit and one output unit, whether or not combined (excl. portable weighing <= 10 kg and excl. those presented in the form of systems and peripheral units)
Data-processing machines, automatic, presented in the form of systems "comprising at least a central processing unit, one input unit and one output unit" (excl. portable weighing <= 10 kg and excl. peripheral units)
Processing units for automatic data-processing machines, whether or not containing in the same housing one or two of the following types of unit: storage units, input units, output units (excl. those of heading 8471.41 or 8471.49 and excl. peripheral units)

Units for automatic data-processing machines (excl. processing units, input or output units and storage units)
Data-processing machines, automatic, comprising in the same housing at least a central processing unit, and one input unit and one output unit, whether or not combined (excl. portable weighing <= 10 kg and excl. those presented in the form of systems and peripheral units)
Data-processing machines, automatic, presented in the form of systems "comprising at least a central processing unit, one input unit and one output unit" (excl. portable weighing <= 10 kg and excl. peripheral units)
Processing units for automatic data-processing machines, whether or not containing in the same housing one or two of the following types of unit: storage units, input units, output units (excl. those of heading 8471.41 or 8471.49 and excl. peripheral units)
Units for automatic data-processing machines (excl. processing units, input or output units and storage units)
Data-processing machines, automatic, comprising in the same housing at least a central processing unit, and one input unit and one output unit, whether or not combined (excl. portable weighing <= 10 kg and excl. those presented in the form of systems and peripheral units)
Data-processing machines, automatic, presented in the form of systems "comprising at least a central processing unit, one input unit and one output unit" (excl. portable weighing <= 10 kg and excl. peripheral units)
Processing units for automatic data-processing machines, whether or not containing in the same housing one or two of the following types of unit: storage units, input units, output units (excl. those of heading 8471.41 or 8471.49 and excl. peripheral units)

Units for automatic data-processing machines (excl. processing units, input or output units and storage units)

Software

Software

Technology

Technology

Base stations of apparatus for the transmission or reception of voice, images or other data

Machines for the reception, conversion and transmission or regeneration of voice, images or other data, incl. switching and routing apparatus (excl. telephone sets, telephones for cellular networks or for other wireless networks)

Reception apparatus for radio-telephony or radio-telegraphy

Apparatus for the transmission or reception of voice, images or other data, incl. apparatus for communication in a wired or wireless network [such as a local or wide area network] (excl. telephone sets, telephones for cellular networks or for other wireless networks, base stations, apparatus for the reception, conversion and transmission or regeneration of voice, images or other data, videophones, entry-phone systems, reception apparatus for radio-telephony or radio-telegraphy and transmission or reception apparatus of heading 8443, 8525, 8527 or 8528)

Part of telecommunications equipment

Base stations of apparatus for the transmission or reception of voice, images or other data

Machines for the reception, conversion and transmission or regeneration of voice, images or other data, including switching and routing apparatus

Reception apparatus for radio-telephony or radio-telegraphy

Apparatus for the transmission or reception of voice, images or other data, incl. apparatus for communication in a wired or wireless network [such as a local or wide area network] (excl. telephone sets, telephones for cellular networks or for other wireless networks, base stations, apparatus for the reception, conversion and transmission or regeneration of voice, images or other data, videophones, entry-phone systems, reception apparatus for radio-telephony or radio-telegraphy and transmission or reception apparatus of heading 8443, 8525, 8527 or 8528)

Base stations of apparatus for the transmission or reception of voice, images or other data

Machines for the reception, conversion and transmission or regeneration of voice, images or other data, including switching and routing apparatus

Reception apparatus for radio-telephony or radio-telegraphy

Apparatus for the transmission or reception of voice, images or other data, incl. apparatus for communication in a wired or wireless network [such as a local or wide area network] (excl. telephone sets, telephones for cellular networks or for other wireless networks, base stations, apparatus for the reception, conversion and transmission or regeneration of voice, images or other data, videophones, entry-phone systems, reception apparatus for radio-telephony or radio-telegraphy and transmission or reception apparatus of heading 8443, 8525, 8527 or 8528)

Base stations of apparatus for the transmission or reception of voice, images or other data

Machines for the reception, conversion and transmission or regeneration of voice, images or other data, including switching and routing apparatus

Reception apparatus for radio-telephony or radio-telegraphy
Apparatus for the transmission or reception of voice, images or other data, incl. apparatus for communication in a wired or wireless network [such as a local or wide area network] (excl. Base stations of apparatus for the transmission or reception of voice, images or other data
Machines for the reception, conversion and transmission or regeneration of voice, images or other
Reception apparatus for radio-telephony or radio-telegraphy
Apparatus for the transmission or reception of voice, images or other data, incl. apparatus for communication in a wired or wireless network [such as a local or wide area network] (excl. Base stations of apparatus for the transmission or reception of voice, images or other data
Machines for the reception, conversion and transmission or regeneration of voice, images or other
Reception apparatus for radio-telephony or radio-telegraphy
Apparatus for the transmission or reception of voice, images or other data, incl. apparatus for communication in a wired or wireless network [such as a local or wide area network] (excl. Base stations of apparatus for the transmission or reception of voice, images or other data
Machines for the reception, conversion and transmission or regeneration of voice, images or other data, including switching and routing apparatus
Reception apparatus for radio-telephony or radio-telegraphy
Apparatus for the transmission or reception of voice, images or other data, incl. apparatus for communication in a wired or wireless network [such as a local or wide area network] (excl. telephones, telegraphs, facsimile machines, for cellular networks or for other wireless networks, base stations





Machines for the reception, conversion and transmission or regeneration of voice, images or other data, incl. switching and routing apparatus (excl. telephone sets, telephones for cellular networks or for other wireless networks)
Machines for the reception, conversion and transmission or regeneration of voice, images or other data, incl. switching and routing apparatus (excl. telephone sets, telephones for cellular networks or for other wireless networks)
Machines for the reception, conversion and transmission or regeneration of voice, images or other data, incl. switching and routing apparatus (excl. telephone sets, telephones for cellular networks or for other wireless networks)
Connectors for optical fibres, optical fibre bundles or cables
Base stations of apparatus for the transmission or reception of voice, images or other data
Aerials and aerial reflectors of all kinds; parts suitable for use therewith
Aerials (excl. inside and outside aerials for radio or television broadcast receivers and telescopic and whip-type aerials for portable apparatus or for apparatus for fitting in motor vehicles)
Smartphones
Other telephones for cellular networks or for other wireless networks
Parts of telephone sets, including smartphones and other telephones for cellular networks or for other wireless networks; other apparatus for the transmission or reception of voice, images or other data, including apparatus for communication in a wired or wireless network
Machines for the reception, conversion and transmission or regeneration of voice, images or other data, incl. switching and routing apparatus (excl. telephone sets, telephones for cellular networks or for other wireless networks)
Instruments and apparatus for measuring or detecting ionising radiations
Oscilloscopes and oscillographs
Multimeters for voltage, current, resistance or electrical power, without recording device
Multimeters with recording device
Resistance measuring instruments without recording device
Instruments and apparatus for measuring or checking voltage, current or electrical power, without recording device (excl. multimeters, oscilloscopes and oscillographs)
Instruments and apparatus for measuring or checking voltage, current, resistance or electrical power, with recording device (excl. multimeters, and oscilloscopes and oscillographs)

Instruments and apparatus for measuring or checking electrical quantities, specifically for telecommunications, e.g. cross-talk meters, gain measuring instruments, distortion factor meters, psophometers
Instruments and apparatus for measuring or checking semiconductor wafers or devices
Instruments and apparatus for measuring or checking electrical quantities, with recording device (excl. appliances specially designed for telecommunications, multimeters, oscilloscopes and oscillographs, and apparatus for measuring or checking semiconductor wafers or devices)
Instruments and apparatus for measuring or checking electrical quantities, without recording
Parts and accessories for instruments and apparatus for measuring or checking electrical quantities or for detecting ionising radiations, n.e.s.
Rods of optical glass, unworked
Software
Technology
Many items with different HS codes
Software
Technology
Navigational instruments and apparatus (excl. for aeronautical or space navigation, compasses and radio navigational equipment)

X-ray generators other than X-ray tubes, high tension generators, control panels and desks, screens, examination or treatment tables, chairs and the like, and general parts and accessories for apparatus of heading 9022, n.e.s.

Other, night vision goods as specified in subheading note 3 to this chapter

Other, night vision goods as specified in subheading note 3 to this chapter

Filters, optical, being parts of or fittings for instruments, apparatus and appliances, framed or mounted

Connectors for optical fibres, optical fibre bundles or cables

Lasers (excl. laser diodes)

Lasers, other than laser diodes

other optical appliances and instruments, not specified or included elsewhere in this chapter

Lasers (excl. laser diodes)

Lasers (excl. laser diodes)

Lasers (excl. laser diodes)

Lasers (excl. laser diodes)

Lasers (excl. laser diodes)

Meteorological, hydrological and geophysical instruments and apparatus (excl. compasses, rangefinders, theodolites, tachymeters "tacheometers", levels and photogrammetrical surveying instruments and appliances)

Meteorological, hydrological and geophysical instruments and apparatus (excl. compasses, rangefinders, theodolites, tachymeters "tacheometers", levels and photogrammetrical surveying instruments and appliances)

Radar apparatus
Meteorological, hydrological and geophysical instruments and apparatus (excl. compasses, rangefinders, theodolites, tachymeters "tacheometers", levels and photogrammetrical surveying instruments and appliances)
Other, radiation-hardened or radiation-tolerant goods as specified in subheading note 2 to this chapter
Non-optical instruments, appliances and machines for measuring or checking, n.e.s. in Chapter 90
Optical instruments, appliances and machines for measuring or checking, not elsewhere specified or included in chapter 90
Optical instruments, appliances and machines for measuring or checking, not elsewhere specified or included in chapter 90
Connectors for optical fibres, optical fibre bundles or cables
Fluoride of aluminium
Fluorides (excl. of ammonium, sodium, aluminium and mercury)
Rods of optical glass, unworked
Software
Software

Software

Technology

Technology

Technology

Reception apparatus for radio-telephony or radio-telegraphy

Radio navigational receivers (excl. radar apparatus)

Direction finding compasses

Inertial navigation systems for aeronautical or space navigation (excl. compasses and radio navigational equipment)

Instruments and appliances for aeronautical or space navigation (excl. inertial navigation systems, compasses and radio navigational equipment)

Parts and accessories for compasses and other navigational instruments and appliances, n.e.s.

Instruments and apparatus for measuring or checking semiconductor wafers or devices

Software

Technology
Cameras specially designed for underwater use, for aerial survey or for medical or surgical examination of internal organs; comparison cameras for forensic or criminological laboratories
Cameras specially designed for underwater use, for aerial survey or for medical or surgical examination of internal organs; comparison cameras for forensic or criminological laboratories
Stroboscopes
Cameras specially designed for underwater use, for aerial survey or for medical or surgical
Central heating boilers other than those of heading 8402 of cast iron
Central heating boilers other than those of heading 8402, other
Auxiliary plant for use with boilers of heading 8402 or 8403
Condensers for steam or other vapour power units
Parts of auxiliary plant for use with boilers of heading 8402 or 8403
Sea-going cruise ships, excursion boats and similar vessels principally designed for the transport of persons, and seagoing ferry-boats of all kinds
Cruise ships, excursion boats and similar vessels principally designed for the transport of persons and ferry-boats of all kinds (excl. seagoing vessels)
Sea-going tankers
Tankers (excl. seagoing tankers)
Sea-going refrigerated vessels (excl. tankers)



Refrigerated vessels (excl. seagoing vessels and tankers)
Sea-going vessels for the transport of goods and seagoing vessels for the transport of both persons and goods (excl. refrigerated vessels, tankers, ferry-boats and vessels principally designed for the transport of persons)
Vessels for the transport of goods and vessels for the transport of both persons and goods, whether or not mechanically propelled (excl. seagoing vessels, refrigerated vessels, tankers, ferry-boats and vessels principally designed for the transport of persons)
Fishing vessels, factory ships and other vessels for processing or preserving fishery products, seagoing
Fishing vessels; factory ships and other vessels for processing or preserving fishery products (excl. seagoing vessels and fishing boats for sport)
Sailboats, other than inflatable, with or without auxiliary motor: of a length not exceeding 7,5 m
Sailboats, other than inflatable, of a length exceeding 7,5 m but not exceeding 24 m; seagoing
Sailboats, other than inflatable, of a length exceeding 7,5 m but not exceeding 24 m; other
Sailboats, other than inflatable, of a length exceeding 24 m; seagoing
Sailboats, other than inflatable, of a length exceeding 24 m; other
Motorboats, other than inflatable, not including outboard motorboats; of a length not exceeding 7,5 m
Motorboats, other than inflatable, not including outboard motorboats; of a length exceeding 7,5 m but not exceeding 24 m: seagoing
Motorboats, other than inflatable, not including outboard motorboats; of a length exceeding 7,5 m but not exceeding 24 m: other
Motorboats, other than inflatable, not including outboard motorboats; of a length exceeding 24 m: seagoing
Motorboats, other than inflatable, not including outboard motorboats; of a length exceeding 24 m: other
Other yachts and other vessels for pleasure or sports; rowing boats and canoes; of a length not exceeding 7,5 m; of a weight not exceeding 100 kg each
Other yachts and other vessels for pleasure or sports; rowing boats and canoes; of a length not exceeding 7,5 m; other
Other yachts and other vessels for pleasure or sports; rowing boats and canoes; of other length; of a weight not exceeding 100 kg each
Other yachts and other vessels for pleasure or sports; rowing boats and canoes; of other length; other
Tugs, seagoing and for inland waterways
Sea-going pusher craft
Pusher craft (excl. seagoing)
Sea-going dredgers

Dredgers (excl. seagoing)
Sea-going light vessels, fire-floats, floating cranes and other vessels, the navigability of which is subsidiary to their main function (excl. dredgers, floating or submersible drilling or production platforms; fishing vessels and warships)
Light vessels, fire-floats, floating cranes and other vessels, the navigability of which is subsidiary to their main function (excl. seagoing vessels, dredgers, floating or submersible drilling or production platforms; fishing vessels and warships)
Warships of all kinds
Other vessels, including warships and lifeboats other than rowing boats
Vessels, incl. lifeboats, of a weight $\leq 100$ kg each (excl. rowing boats and other vessels of heading 8901 to 8905 and vessels for breaking up)
Vessels, incl. lifeboats, of a weight $> 100$ kg each (excl. seagoing vessels, warships, rowing boats and other vessels of heading 8901 to 8905 and floating structures for breaking up)
Vessels and other floating structures for breaking up
Steam and other vapour turbines for marine propulsion
Spark-ignition outboard motors for marine propulsion, of a cylinder capacity $\leq 325$ cm <sup>3</sup>
Spark-ignition outboard motors for marine propulsion, of a cylinder capacity $> 325$ cm <sup>3</sup> and a power $\leq 30$ kW
Spark-ignition outboard motors for marine propulsion, of a cylinder capacity $> 325$ cm <sup>3</sup> and a power $> 30$ kW
Spark-ignition reciprocating or rotary engines, for marine propulsion (excl. outboard motors)
Compression-ignition internal combustion piston engine "diesel or semi-diesel engine", used, for seagoing vessels of heading 8901 to 8906, tugs of subheading 8904.00.10 and warships of subheading 8906.10.00
Compression-ignition combustion piston engine, used, for vessels (other than for seagoing vessels of heading 8901 to 8906, tugs of subheading 8904.00.10 and warships of subheading 8906.10.00)
Compression-ignition internal combustion piston engine "diesel or semi-diesel engine", for seagoing vessels of heading 8901 to 8906, tugs of subheading 8904.00.10 and warships of subheading 8906.10.00, new, of a power $\leq 50$ kW
Compression-ignition internal combustion piston engine "diesel or semi-diesel engine", for vessels, new, of a power $\leq 50$ kW (excl. for seagoing vessels of heading 8901 to 8906, for tugs of subheading 8904.00.10 and for warships of subheading 8906.10.00)
Compression-ignition internal combustion piston engine "diesel or semi-diesel engine", for seagoing vessels of heading 8901 to 8906, tugs of subheading 8904.00.10 and warships of subheading 8906.10.00, new, of a power $> 50$ kW but $\leq 100$ kW
Compression-ignition internal combustion piston engine "diesel or semi-diesel engine" for vessels, new, of a power $> 50$ kW but $\leq 100$ kW (excl. for vessels of heading 8901 to 8906, tugs of subheading 8904.00.10 and warships of subheading 8906.10.00)

Compression-ignition internal combustion piston engine "diesel or semi-diesel engine" for seagoing vessels of heading 8901 to 8906, tugs of subheading 8904.00.10 and warships of subheading 8906.10.00, new, of a power > 100 kW but <= 200 kW
Compression-ignition internal combustion piston engine "diesel or semi-diesel engine" for vessels, new, of a power > 100 kW but <= 200 kW (excl. for seagoing vessels of heading 8901 to 8906, tugs of subheading 8904.00.10 and warships of subheading 8906.10.00)
Compression-ignition internal combustion piston engine "diesel or semi-diesel engine", for seagoing vessels of heading 8901 to 8906, tugs of subheading 8904.00.10 and warships of subheading 8906.10.00, new, of a power > 200 kW but <= 300 kW
Compression-ignition internal combustion piston engine "diesel or semi-diesel engine", of vessels, new, of a power > 200 kW but <= 300 kW (excl. for seagoing vessels of heading 8901 to 8906, tugs of subheading 8904.00.10 and warships of subheading 8906.10.00)
Compression-ignition internal combustion piston engine "diesel or semi-diesel engine", for seagoing vessels of heading 8901 to 8906, tugs of subheading 8904.00.10 and warships of subheading 8906.10.00, new, of a power > 300 kW but <= 500 kW
Compression-ignition internal combustion piston engine "diesel or semi-diesel engine", for vessels, new, of a power > 300 kW but <= 500 kW (excl. for seagoing vessels of heading 8901 to 8906, tugs of subheading 8904.00.10 and warships of subheading 8906.10.00)
Compression-engine internal combustion piston engine "diesel or semi-diesel engine", for seagoing vessels of heading 8901 to 8906, tugs of subheading 8904.00.10 and warships of subheading 8906.10.00, new, of a power > 500 kW but <= 1.000 kW
Compression-ignition internal combustion piston engine "diesel or semi-diesel engine" for vessels, new, of a power > 500 kW but <= 1.000 kW (excl. for seagoing vessels of heading 8901 to 8906, tugs of subheading 8904.00.10 and warships of subheading 8906.10.00)
Compression-ignition internal combustion piston engine "diesel or semi-diesel engine", for seagoing vessels of heading 8901 to 8906, tugs of subheading 8904.00.10 and warships of subheading 8906.10.00, new, of a power > 1.000 kW but <= 5.000 kW
Compression-ignition internal combustion piston engine "diesel or semi-diesel engine" for vessels, new, of a power > 1.000 kW but <= 5.000 kW (excl. for seagoing vessels of heading 8901 to 8906, tugs of subheading 8904.00.10 and warships of subheading 8906.10.00)
Compression-ignition internal combustion piston engine "diesel or semi-diesel engine" for seagoing vessels of heading 8901 to 8906, tugs of subheading 8904.00.10 and warships of subheading 8906.10.00, new, of a power > 5.000 kW
Compression-ignition internal combustion piston engine "diesel or semi-diesel engine" for vessels, new, of a power > 5.000 kW (excl. for seagoing vessels of heading 8901 to 8906, tugs of subheading 8904.00.10 and warships of subheading 8906.10.00)
Water-skis, surfboards and other water-sport equipment (other than sailboards)
Portable automatic data-processing machines, weighing not more than 10 kg, consisting of at least a central processing unit, a keyboard and a display
Water-skis, surfboards and other water-sport equipment (other than sailboards)
Other electric luminaires and lighting fittings; Searchlights and spotlights
Other vessels, including warships and lifeboats other than rowing boats
Air compressors mounted on a wheeled chassis for towing giving a flow per minute not exceeding 2 m <sup>3</sup>

Software
Software
Technology
Compression-ignition internal combustion piston engine "diesel or semi-diesel engine" for wheeled agricultural or forestry tractors, of a power > 100 kW
Compression-ignition internal combustion piston engine "diesel or semi-diesel engine" for vehicles of chapter 87, of a power > 200 kW (excl. engines of subheading 8408.20.10 and engines for wheeled agricultural or forestry tractors)
Agricultural tractors and forestry tractors, wheeled, of an engine power > 130 kW (excl. pedestrian-controlled tractors)
Tractors, of an engine power > 130 kW (excl. those of heading 8709, pedestrian-controlled tractors, road tractors for semi-trailers, track-laying tractors and wheeled agricultural/forestry tractors)
Turbojets of a thrust <= 25 kN
Turbojets of a thrust > 25 kN but <= 44 kN
Turbojets of a thrust > 44 kN but <= 132 kN
Turbojets of a thrust > 132 kN
Turbopropellers of a power <= 1.100 kW
Turbopropellers of a power > 1.100 kW but <= 3.730 kW
Turbopropellers of a power > 3.730 kW
Parts of turbojets or turbopropellers, n.e.s.
Spark-ignition reciprocating or rotary internal combustion piston engines;
Used compression-ignition internal combustion engines
Compression-ignition internal combustion engines; not exceeding 15 kW
Compression-ignition internal combustion engines; exceeding 15 kW but not exceeding 30 kW

Compression-ignition internal combustion engines; exceeding 30 kW but not exceeding 50 kW
Compression-ignition internal combustion engines; exceeding 50 kW but not exceeding 100 kW
Compression-ignition internal combustion engines; exceeding 100 kW but not exceeding 200 kW
Compression-ignition internal combustion engines; exceeding 200 kW but not exceeding 300 kW
Compression-ignition internal combustion engines; exceeding 300 kW but not exceeding 500 kW
Compression-ignition internal combustion engines; exceeding 500 kW but not exceeding 1 000 kW
Compression-ignition internal combustion engines; exceeding 1 000 kW but not exceeding 5 000 kW
Compression-ignition internal combustion engines; exceeding 5 000 kW

Electric motors and generators (excluding generating sets):
Gas masks
Other breathing appliances and gas masks, including accessories
Test benches for motors, generators, pumps, etc.
Instruments, appliances and machines for measuring or checking geometrical quantities, n.e.s. in Chapter 90
Instruments, appliances and machines for measuring or checking geometrical quantities, n.e.s. in Ch 90
Arbors, collets and sleeves for use as tool holders in machine tools, incl. tool holders for any type of tool for working in the hand
Tool holders for machine tools, incl. tool holders for any type of tool for working in the hand (excl. tool holders for lathes, arbors, collets and sleeves)
Work holders for machine tools in the form of jigs and fixtures for specific applications, incl. sets of standard jig and fixture components
Work holders for machine tools (excl. work holders for lathes and in the form of jigs and fixtures for specific applications, incl. sets of standard jig and fixture components)
Parts and accessories for water-jet cutting machines, n.e.s.
Parts and accessories for machine tools for working material by removing material of headings 8456 to 8461, n.e.s.
Other machinery for the treatment of solid mineral fuels, ceramic paste, unhardened cements, plastering materials or other mineral products in powder or paste form; machines for forming foundry moulds of sand
Machinery for agglomerating, shaping or moulding ceramic paste
Resistance heated furnaces and ovens; Hot isostatic presses
Resistance heated furnaces and ovens; Other
Other machines and mechanical appliances having individual functions, not specified or included elsewhere in chapter 84
Resistance heated furnaces and ovens; Hot isostatic presses
Resistance heated furnaces and ovens; Other
Software
Software
Technology
Technology
Technology

Other navigational instruments and appliances:
Gas or smoke analysis apparatus
Instruments, appliances and machines for measuring or checking geometrical quantities, n.e.s. in Chapter 90
Meteorological, hydrological and geophysical instruments and apparatus
Other, portable automatic data-processing machines, weighing not more than 10 kg, consisting of at least a central processing unit, a keyboard and a display presented in the form of systems
Parts and accessories of the machines of heading 8471; Electronic assemblies
Lightning arresters, voltage limiters and surge suppressors
Other electrical apparatus for switching or protecting electrical circuits, or for making connections to or in electrical circuits
Processors and controllers, whether or not combined with memories, converters, logic circuits, amplifiers, clock and timing circuits, or other circuits
Microscopes other than optical microscopes; diffraction apparatus
Microscopes other than optical microscopes; diffraction apparatus; Parts and accessories
Floating or submersible drilling or production platforms
Machines for additive manufacturing; By metal deposit
Machines for additive manufacturing; By plastics or rubber deposit
Other machines for additive manufacturing
Machines for additive manufacturing; By plastics or rubber deposit
Machines and apparatus for the manufacture of flat panel displays
Machines and apparatus specified in note 11(C) to this chapter
Parts and accessories of machines and apparatus of a kind used solely or principally for the manufacture of semiconductor boules or wafers, semiconductor devices, electronic integrated circuits or flat panel displays; machines and apparatus specified in note 11(C) to this chapter
Machines and apparatus for the manufacture of semiconductor devices or of <del>electronic integrated circuits</del>
Machines and apparatus specified in note 11(C) to this chapter
Machinery for liquefying air or other gases
Other machinery, plant or laboratory equipment, whether or not electrically heated (excluding furnaces, ovens and other equipment of heading 8514), for the treatment of materials by a process involving a change of temperature

Machines and apparatus for the manufacture of boules or wafers
Machines and apparatus for the manufacture of semiconductor devices or of electronic integrated circuits
Vacuum pumps of a kind used for the manufacture of semiconductors or solely or principally used for the manufacture of flat panel displays
Vacuum pumps: rotary piston pumps, sliding vane rotary pumps, molecular drag pumps and Roots pumps
Vacuum pumps: Diffusion pumps, cryopumps and adsorption pumps
Instruments and apparatus for measuring or checking the flow, level, pressure or other variables of liquids or gases; for measuring or checking pressure; electronic.
Instruments and apparatus for measuring or checking the flow, level, pressure or other variables of liquids or gases; for measuring or checking pressure; Spiral or metal diaphragm type pressure gauges
Instruments and apparatus for measuring or checking the flow, level, pressure or other variables of liquids or gases; for measuring or checking pressure; Other
Evaporators and condensers, excluding those for refrigerators of the household type
Other refrigerating or freezing equipment
Other semiconductor devices
Other Heat-exchange units
Compressors of a kind used in refrigerating equipment; Of a power exceeding 0,4 kW; Hermetic or
Evaporators and condensers, excluding those for refrigerators of the household type
Machines and apparatus specified in note 11(C) to this chapter
Instruments, appliances and machines for measuring or checking geometrical quantities, n.e.s. in Chapter 90
Other Measuring or checking instruments, appliances and machines, not specified or included elsewhere in chapter 90
Machine tools for working any material by removal of material, by laser or other light or photon beam, ultrasonic, electrodischarge, electrochemical, electron beam, ionic-beam or plasma arc processes; water-jet cutting machines
Machining centres, unit construction machines (single station) and multi-station transfer machines, for working metal
Lathes (including turning centres) for removing metal
Machine tools (including way-type unit head machines) for drilling,
Machine tools for deburring, sharpening, grinding, honing, lapping, polishing or otherwise finishing metal or cermets by means of grinding stones, abrasives or polishing products, other than gear cutting, gear grinding or gear finishing machines of heading 8461
Other Mechanical appliances (whether or not hand-operated) for projecting, dispersing or spraying liquids or powders; fire extinguishers, whether or not charged; spray guns and similar appliances; steam or sandblasting machines and similar jet projecting machines
Parts of Mechanical appliances (whether or not hand-operated) for projecting, dispersing or spraying liquids or powders; fire extinguishers, whether or not charged; spray guns and similar appliances; steam or sandblasting machines and similar jet projecting machines
Other arms (for example, spring, air or gas guns and pistols, truncheons)



Safety headgear of other materials different from plastic
Other articles of plastics
Belts and bandoliers
Other articles of iron or steel
Other articles of aluminium
Clasps and frames with clasps, incorporating locks
Chemical products or preparations, predominantly not composed of organic compounds, not
Permanent magnets and articles intended to become permanent magnets after magnetisation, of
Permanent magnets and articles intended to become permanent magnets after magnetisation, of
Permanent magnets and articles intended to become permanent magnets after magnetisation, permanent magnets of agglomerated ferrite
Permanent magnets and articles intended to become permanent magnets after magnetisation, other
Other machines and apparatus
Other arms (for example, spring, air or gas guns and pistols, truncheons), excluding those of heading 9307
Parts of other machines and apparatus:
Parts and accessories of articles of headings 9301 to 9304
Other machines and apparatus
Other arms (for example, spring, air or gas guns and pistols, truncheons), excluding those of heading 9307
Spray guns and similar appliances
Other appliances
Other arms (for example, spring, air or gas guns and pistols, truncheons), excluding those of heading 9307
Other alkaloids, natural or reproduced by synthesis, and their salts, ethers, esters and other derivatives of vegetal origin
Other extracted oleoresin
Other alkaloids, natural or reproduced by synthesis, and their salts, ethers, esters and other derivatives of vegetal origin

Other extracted oleoresin
Mixtures of a kind used in the food industries
Alcoholic solutions
Other mixtures of odoriferous substances and mixtures (including alcoholic solutions) with a basis of one or more of these substances, of a kind used as raw materials in industry
Spray guns and similar appliances
Other appliances
Spray guns and similar appliances
Other appliances
Other arms (for example, spring, air or gas guns and pistols, truncheons), excluding those of heading 9307
Other heterocyclic compounds
Other heterocyclic compounds
Other heterocyclic compounds
Other heterocyclic compounds
Other heterocyclic compounds
Other heterocyclic compounds
Other heterocyclic compounds
Other heterocyclic compounds
Other carboxamide-function compounds; amide-function compounds of carbonic acid:
Other acyclic polyamines and their derivatives; salts thereof:
Other acyclic polyamines and their derivatives; salts thereof:
Other compounds containing a pyrimidine ring (whether or not hydrogenated) or piperazine ring in the structure
Other compounds containing a pyrimidine ring (whether or not hydrogenated) or piperazine ring in the structure
Other compounds containing a pyrimidine ring (whether or not hydrogenated) or piperazine ring in the structure
Other compounds containing a pyrimidine ring (whether or not hydrogenated) or piperazine ring in the structure
Other compounds containing a pyrimidine ring (whether or not hydrogenated) or piperazine ring in the structure

Other compounds containing a pyrimidine ring (whether or not hydrogenated) or piperazine ring in the structure
Other compounds containing a pyrimidine ring (whether or not hydrogenated) or piperazine ring in the structure
Other compounds containing a pyrimidine ring (whether or not hydrogenated) or piperazine ring in the structure
Other medicaments (excluding goods of heading 3002, 3005 or 3006) consisting of two or more constituents which have been mixed together for therapeutic or prophylactic uses, not put up in measured doses or in forms or packings for retail sale
Other medicaments (excluding goods of heading 3002, 3005 or 3006) consisting of mixed or unmixed products for therapeutic or prophylactic uses, put up in measured doses (including those in the form of transdermal administration systems) or in forms or packings for retail sale:
Other products and preparations for pharmaceutical or surgical uses
Various CN codes depending on the material and shape
Other lifting, handling, loading or unloading machinery (for example, lifts, escalators, conveyors, teleferics); Industrial robots
Machines and mechanical appliances having individual functions, not specified or included elsewhere in chapter 84; Industrial robots, not elsewhere specified or included
Other air or vacuum pumps, air or other gas compressors and fans; ventilating or recycling hoods incorporating a fan, whether or not fitted with filters; gas-tight biological safety cabinets, whether or not fitted with filters:
Of alloy steel
Powders of non-lamellar structure
Powders of lamellar structure; flakes
Nickel powders and flakes
Powders of non-lamellar structure
Powders of lamellar structure; flakes
Zinc dust
Powders
Powders
Unwrought tantalum, including bars and rods obtained simply by sintering; powders
Cobalt mattes and other intermediate products of cobalt metallurgy; unwrought cobalt; powders
Unwrought bismuth; waste and scrap; powders
Unwrought bismuth; waste and scrap; powders
Unwrought titanium; powders
Containing less than 1 part hafnium to 500 parts zirconium by weight
Unwrought zirconium; powders
Unwrought antimony; powders
Unwrought manganese; powders
Unwrought Beryllium; powders
Alloys containing more than 10 % by weight of nickel
Other Chromium Unwrought; powders
Unwrought Hafnium; waste and scrap; powders
Rhenium Waste and scrap
Rhenium other

Other: Thallium
Unwrought Thallium; powders
Unwrought cadmium; powders
Unwrought; waste and scrap; powders: Niobium (columbium); gallium; indium; vanadium; germanium
It can be made of various materials
It can be made of various materials
Synthetic staple fibres, not carded, combed or otherwise processed for spinning of aramids
Synthetic staple fibres, not carded, combed or otherwise processed for spinning; of nylon or other polyamides
Other synthetic staple fibres, not carded, combed or otherwise processed for spinning of aramids
Synthetic staple fibres, carded, combed or otherwise processed for spinning of nylon or other polyamides
Synthetic staple fibres, carded, combed or otherwise processed for spinning of polyesters
Other
Carbon fibres
Glass fibre chopped strands, of a length of not more than 50 mm
Glass fibre rovings
Other yarn, slivers of glass fibre
Alloys can be classified in chapter 72, 73, 74, 75, etc. Without knowing the composition of the alloys is not possible to assign a CN code
Heusler are intermetallic compounds which can be classified in chapter 72, 73, 74, 75, 81, etc. Without knowing the composition of the alloys is not possible to assign a CN code
Kitaev materials can be classified in various chapters of the Harmonized System
Other polymers of propylene or of other olefins, in primary forms
Poly(thio-1,4-phenylene)
Other condensation or rearrangement polymerisation products whether or not chemically modified
Other condensation or rearrangement polymerisation products whether or not chemically modified
Propellant powders
Prepared explosives, other than propellant powders
Other halogenated, sulphonated, nitrated or nitrosated derivatives of phenols or phenol-alcohols
Carbon (carbon blacks and other forms of carbon not elsewhere specified or included)

Diphenylamine and its derivatives; salts thereof
Other halides and halide oxides of non-metals
Starches, esterified or etherified
Other cyclic hydrocarbons
Other aromatic ethers and their halogenated, sulphonated, nitrated or nitrosated derivatives
Other cyclic hydrocarbons
o-Xylene
m-Xylene
p-Xylene
Mixed xylene isomers
Other alkaloids, natural or reproduced by synthesis, and their salts, ethers, esters and other
Other polycarboxylic acids, their anhydrides, halides, peroxides and peroxyacids; their halogenated,
Esters of acrylic acid
Other organo-inorganic compounds
Other cellulose nitrates
Other esters of other inorganic acids of non-metals (excluding esters of hydrogen halides) and their salts; their halogenated, sulphonated, nitrated or nitrosated derivatives
Derivatives containing only nitro or only nitroso groups
Other esters of other inorganic acids of non-metals (excluding esters of hydrogen halides) and their salts; their halogenated, sulphonated, nitrated or nitrosated derivatives
Other esters of other inorganic acids of non-metals (excluding esters of hydrogen halides) and their
Azides; silicides
Other halogenated, sulphonated, nitrated or nitrosated derivatives of phenols or phenol-alcohols
Ureines and their derivatives; salts thereof
Ureines and their derivatives; salts thereof
Ureines and their derivatives; salts thereof
Ureines and their derivatives; salts thereof
Diphenylamine and its derivatives; salts thereof
Other acyclic alcohols and their halogenated, sulphonated, nitrated or nitrosated derivatives
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Technology
Halogenated, sulphonated, nitrated or nitrosated derivatives
Other Nitrile-function compounds
Other compounds containing in the structure a phenothiazine ring-system (whether or not hydrogenated), not further fused
Other alkaloids of vegetal origin
Extracted oleoresins
Fireworks
Signalling flares, rain rockets, fog signals and other pyrotechnic articles
Chemical products or preparations, predominantly not composed of organic compounds, not elsewhere specified or included
Other garments made up of fabrics
Gas masks
Electronic gas or smoke analysis apparatus
Instruments and apparatus for measuring or detecting ionising radiation
Photographic plates for X-ray
Photographic film in rolls for X-ray
Apparatus based on the use of alpha, beta, gamma or other ionising radiation
Parts and accessories of apparatus based on the use of X-rays
Other Machines and apparatus for electroplating, electrolysis or electrophoresis
Particle accelerators
Boards, panels, consoles, desks, cabinets and other bases, For a voltage not exceeding 1 000 V, Numerical control panels with built-in automatic data-processing machine.....
Boards, panels, consoles, desks, cabinets and other bases, For a voltage not exceeding 1 000 V, Programmable memory controllers
Boards, panels, consoles, desks, cabinets and other bases, For a voltage not exceeding 1 000 V, Numerical control panels with built-in automatic data-processing machine, Touch-Sensitive Data Input Device
Boards, panels, consoles, desks, cabinets and other bases, For a voltage not exceeding 1 000 V, Numerical control panels with built-in automatic data-processing machine, Other
Boards, panels, consoles, desks, cabinets and other bases, For a voltage exceeding 1 000 V, For a voltage exceeding 1 000 V but not exceeding 72,5 kV
Boards, panels, consoles, desks, cabinets and other bases, For a voltage exceeding 1 000 V, For a
Other refrigerating or freezing equipment;
Other machines for preparing textile fibres
Machines for dressing or finishing
Machines for processing reactive resins
Ethylene dichloride (ISO) (1,2-dichloroethane)
Other sulphonated, nitrated or nitrosated derivatives of hydrocarbons, whether or not halogenated

Other halogenated, sulphonated, nitrated or nitrosated derivatives of phenols or phenol-alcohols
Other chlorides of aluminium
Arsenic
Sulphur trioxide (sulphuric anhydride); diarsenic trioxide
Amine-function compounds
Amine-function compounds
Amine-function compounds
Other phosphite esters and their salts; their halogenated, sulphonated, nitrated or nitrosated derivatives
Isocyanates
Other compounds containing in the structure a quinoline or isoquinoline ring- system (whether or not hydrogenated), not further fused
Halogenated derivatives of hydrocarbons only with bromine and chlorine, fluorine and chlorine or with fluorine and bromine
Other aromatic ketones without other oxygen function
Diethyl ether
Other ethers, ether-alcohols, ether-phenols, ether-alcohol-phenols, alcohol peroxides, ether peroxides, acetal and hemiacetal peroxides, ketone peroxides (whether or not chemically defined),
Other amino-alcohols, other than those containing more than one kind of oxygen function, their ethers and esters; salts thereof
Other monoalkylethers of ethylene glycol or of diethylene glycol
Other acyclic polyamines and their derivatives; salts thereof
Dichloromethane (methylene chloride)
Aniline derivatives and their salts
Halogenated derivatives of hydrocarbons; other bromides
Chloromethane (methyl chloride) and chloroethane (ethyl chloride)
Other acyclic monoamines and their derivatives; salts thereof:
Methenamine (INN) (hexamethylenetetramine); 2,6-di-tert-butyl-4-[4,6-bis (octylthio)-1,3,5-triazin-2-ylamino]phenol
Propan-1-ol (propyl alcohol) and propan-2-ol (isopropyl alcohol)
Halogenated derivatives of hydrocarbons; other bromides
Other Acyclic monoamines and their derivatives; salts thereof:
Methylamine, di- or trimethylamine and their salts

Methyl bromide (bromomethane)
Other acyclic monoamines and their derivatives; salts thereof:
Other compounds containing an unfused pyridine ring (whether or not hydrogenated) in the structure
Bromides of sodium or of potassium
Pyridine and its salts
Iproniazid (INN); ketobemidone hydrochloride (INN); pyridostigmine bromide (INN)
Bromides of sodium or of potassium
Sodium metal
Other acyclic monoamines and their derivatives; salts thereof:
Other acyclic monoamines and their derivatives; salts thereof:
Methylamine, di- or trimethylamine and their salts
Acetone
Other acyclic hydrocarbons
Anhydrous ammonia
Antimony and articles thereof, including waste and scrap
Benzaldehyde
Other ketone-alcohols and ketone-aldehydes
Butan-1-ol (n-butyl alcohol)
Other butanols
Other butanols
2-Methylpropan-2-ol (tert-butyl alcohol)
Carbides, whether or not chemically defined of calcium
Other inorganic acids and other inorganic oxygen compounds of non- metals
Chlorine
Cyclohexanol, methylcyclohexanols and dimethylcyclohexanols
Other cyclanic, cyclenic or cyclosterpenic mono- or polyamines, and their derivatives; salts thereof
Undenatured ethyl alcohol of an alcoholic strength by volume of 80 % vol or higher
Ethylene
Oxirane (ethylene oxide)



Other polyphosphates
Hydrogen chloride (hydrochloric acid)
Other inorganic acids
Other carboxylic acids with alcohol function but without other oxygen function, their anhydrides, halides, peroxides, peroxyacids and their derivatives
Methanol (methyl alcohol)
Chloromethane (methyl chloride) and chloroethane (ethyl chloride)
Brominated or iodinated derivatives of acyclic hydrocarbons
Other organo-sulphur compounds:
Ethylene glycol (ethanediol)
Other acyclic polycarboxylic acids, their anhydrides, halides, peroxides, peroxyacids and their derivatives
Halogenated derivatives of cyclanic, cyclenic or cycloterpenic hydrocarbons; iodides
Other salts of inorganic acids or peroxyacids (including aluminosilicates whether or not chemically combined with other substances)
Other hypochlorites; commercial calcium hypochlorite; chlorites; hypobromites
Sulphur, sublimed or precipitated; colloidal sulphur
Sulphur dioxide
Sulphur trioxide (sulphuric anhydride); diarsenic trioxide
Other inorganic compounds
Other phosphite esters and their salts; their halogenated, sulphonated, nitrated or nitrosated derivatives
Other phosphorus
Other phosphorus
Mercury
Other chlorides
Sulphuric acid; oleum
Other saturated acyclic hydrocarbons
Other aldehydes, whether or not with other oxygen function
Other saturated chlorinated derivatives of acyclic hydrocarbons
Other saturated acyclic hydrocarbons
Other saturated chlorinated derivatives of acyclic hydrocarbons
Other diols
Other saturated acyclic hydrocarbons
Other organo-inorganic compounds
Other organo-inorganic compounds



Other carboxyimide-function compounds (including saccharin and its salts) and imine-function compounds
Other carboxyimide-function compounds (including saccharin and its salts) and imine-function compounds
Other carboxyimide-function compounds (including saccharin and its salts) and imine-function compounds
Other carboxyimide-function compounds (including saccharin and its salts) and imine-function compounds
Other carboxyimide-function compounds (including saccharin and its salts) and imine-function compounds
Other carboxyimide-function compounds (including saccharin and its salts) and imine-function compounds
Other carboxyimide-function compounds (including saccharin and its salts) and imine-function compounds
Other carboxyimide-function compounds (including saccharin and its salts) and imine-function compounds
Other carboxyimide-function compounds (including saccharin and its salts) and imine-function compounds
Other carboxyimide-function compounds (including saccharin and its salts) and imine-function compounds
Other carboxyimide-function compounds (including saccharin and its salts) and imine-function compounds
Other carboxyimide-function compounds (including saccharin and its salts) and imine-function compounds
Other carboxyimide-function compounds (including saccharin and its salts) and imine-function compounds
Other carboxyimide-function compounds (including saccharin and its salts) and imine-function compounds
Alfentanil (INN), anileridine (INN), bezitramide (INN), bromazepam (INN), carfentanil (INN), difenoxin (INN), diphenoxylate (INN), dipipanone (INN), fentanyl (INN), ketobemidone (INN), methylphenidate (INN), pentazocine (INN), pethidine (INN), pethidine (INN) intermediate A, phencyclidine (INN) (PCP), phenoperidine (INN), pipradrol (INN), piritramide (INN), propiram (INN), remifentanil (INN) and trimeperidine (INN); salts thereof
Aminorex (INN), brotizolam (INN), clotiazepam (INN), cloxazolam (INN), dextromoramide (INN), haloxazolam (INN), ketazolam (INN), mesocarb (INN), oxazolam (INN), pemoline (INN), phendimetrazine (INN), phenmetrazine (INN) and sufentanil (INN); salts thereof
4-Anilino-N-phenethylpiperidine (ANPP)
N-Phenethyl-4-piperidone (NPP)
High tenacity yarn of aramid whether or not textured
Synthetic filament tow of aramid
Synthetic staple fibres, not carded, combed or otherwise processed for spinning of aramid
Carbon fibres
Fabrics of carbon fibres

Other articles of carbon fibres
Glass fibre rovings
Glass fibre fillments
Human vaccines
Cultures of microorganisms, toxins, etc.
Cultures of microorganisms, toxins, etc.
Cell therapy products
Other cell cultures whether or not modified
Cultures of microorganisms, toxins, etc.
Cultures of microorganisms, toxins, etc.
Other cell cultures whether or not modified
Other diagnostic or laboratory reagents on a backing, prepared diagnostic or laboratory reagents whether or not on a backing, whether or not put up in the form of kits:
Other diagnostic or laboratory reagents on a backing, prepared diagnostic or laboratory reagents whether or not on a backing, whether or not put up in the form of kits, other than those of heading 3006; certified reference materials
Prepared explosives, other than propellent powders
Prepared explosives, other than propellent powders
Detonating cord
Prepared explosives, other than propellent powders
Detonating caps
Electric detonators
Igniters
Prepared explosives, other than propellent powders
Prepared explosives, other than propellent powders
Propellent powders
Prepared explosives, other than propellent powders

Fireworks
Prepared explosives, other than propellant powders
Other halides and halide oxides of non-metals:
Thiodiglycol
Phosphorus oxychloride; $\text{POCl}_3$
Dimethyl methylphosphonate
Methylphosphonyl dichloride
Dimethyl phosphite
Phosphorus trichloride; $\text{PCl}_3$
Trimethyl phosphite
Thionyl chloride; $\text{SOCl}_2$
Other compounds containing an unfused pyridine ring
Other acyclic monoamines
Other organo-sulphur compounds
3-Quinuclidinol
R-(-)-3-Quinuclidinol
Other fluorides
Other halogenated, sulphonated, nitrated or nitrosated derivatives of acyclic alcohols
Methylamine, di- or trimethylamine and their salts
Diethyl ethylphosphonate
Other compounds with other nitrogen function
Diethyl phosphite
Dimethylamine hydrochloride
Other halogenated organo-phosphorous derivatives
Other halogenated organo-phosphorous derivatives
Other halogenated organo-phosphorous derivatives
Hydrogen fluoride; HF
Other carboxylic acids with alcohol function but without other oxygen function
Other halogenated organo-phosphorous derivatives
N,N-Diisopropyl-(beta)-amino-ethanol
Other saturated monohydric alcohols
Triethyl phosphite
Other chlorides and chloride oxides
Benzilic acid
Other non-halogenated organo-phosphorous derivatives
Other non-halogenated organo-phosphorous derivatives
Other halogenated organo-phosphorous derivatives
Other halogenated organo-phosphorous derivatives
Other halogenated organo-phosphorous derivatives
Phosphorus pentachloride;
Other acyclic ketones without other oxygen function
Potassium cyanide;
Other fluorides
Fluorides of ammonium or sodium



Phosgene
Cyanogen chloride
Hydrogen cyanide
Chloropicrin
Methyldiethanolamine and ethyldiethanolamine
Methylphosphonic acid compound with (aminoiminomethyl)urea (1:1)
2,4,6-Tripropyl-1,3,5,2,4,6-trioxatriphosphinane 2,4,6-trioxide
(5-Ethyl-2-methyl-2-oxido-1,3,2-dioxaphosphinan-5-yl)methyl methyl methylphosphonate
3,9-Dimethyl-2,4,8,10-tetraoxa-3,9- diphosphaspiro[5.5]undecane 3,9-dioxide
Sodium 3-(trihydroxysilyl)propyl methylphosphonate
Bis[(5-Ethyl-2-methyl-2-oxido-1,3,2- dioxaphosphinan-5-yl)methyl] methylphosphonate
2-(N,N-Dimethylamino) ethanethiol
2-(N,N-Diethylamino)ethanethiol.
Diagnostic or laboratory reagents on a backing, prepared diagnostic or laboratory reagents whether or not on a backing, other than those of heading 3002 or 3006; certified reference materials
Other polyethers
Ball bearings with greatest external diameter not exceeding 30 mm
Other ball bearings
Flat-rolled products of stainless steel, of a width of 600 mm or more, Not further worked than hot-rolled, in coils:
Flat-rolled products of stainless steel, of a width of 600 mm or more, Not further worked than hot-rolled, in coils:
Flat-rolled products of stainless steel, of a width of 600 mm or more, Not further worked than hot-rolled, in coils:
Flat-rolled products of stainless steel, of a width of 600 mm or more, Not further worked than hot-rolled, in coils:
Flat-rolled products of stainless steel, of a width of 600 mm or more, Not further worked than hot-rolled, in coils:
Flat-rolled products of stainless steel, of a width of 600 mm or more, Not further worked than hot-rolled, in coils:
Flat-rolled products of stainless steel, of a width of 600 mm or more, Not further worked than hot-rolled, in coils:
Flat-rolled products of stainless steel, of a width of 600 mm or more, Not further worked than hot-rolled, not in coils:
Flat-rolled products of stainless steel, of a width of 600 mm or more, Not further worked than hot-rolled, not in coils:
Flat-rolled products of stainless steel, of a width of 600 mm or more, Not further worked than hot-rolled, not in coils:
Flat-rolled products of stainless steel, of a width of 600 mm or more, Not further worked than hot-rolled, not in coils:
Flat-rolled products of stainless steel, of a width of 600 mm or more, Not further worked than hot-rolled, not in coils:
Flat-rolled products of stainless steel, of a width of 600 mm or more, Not further worked than hot-rolled, not in coils:
Flat-rolled products of stainless steel, of a width of 600 mm or more, Not further worked than cold-rolled (cold-reduced):

Flat-rolled products of stainless steel, of a width of 600 mm or more, Not further worked than cold-rolled (cold-reduced):
Flat-rolled products of stainless steel, of a width of 600 mm or more, Not further worked than cold-rolled (cold-reduced):
Flat-rolled products of stainless steel, of a width of 600 mm or more, Not further worked than cold-rolled (cold-reduced):
Flat-rolled products of stainless steel, of a width of 600 mm or more, Not further worked than cold-rolled (cold-reduced):
Flat-rolled products of stainless steel, of a width of 600 mm or more, Not further worked than cold-rolled (cold-reduced):
Flat-rolled products of stainless steel, of a width of 600 mm or more, Not further worked than cold-rolled (cold-reduced):
Flat-rolled products of stainless steel, of a width of 600 mm or more, Not further worked than cold-rolled (cold-reduced):
Flat-rolled products of stainless steel, of a width of 600 mm or more, Not further worked than cold-rolled (cold-reduced):
Flat-rolled products of stainless steel, of a width of 600 mm or more, other
Flat-rolled products of stainless steel, of a width of 600 mm or more, other
Flat-rolled products of stainless steel, of a width of less than 600 mm: Of a thickness of 4,75 mm or more
Flat-rolled products of stainless steel, of a width of less than 600 mm: Of a thickness of less than 4,75 mm
Flat-rolled products of stainless steel, of a width of less than 600 mm: Not further worked than cold-rolled (cold-reduced):
Flat-rolled products of stainless steel, of a width of less than 600 mm: Not further worked than cold-rolled (cold-reduced):
Flat-rolled products of stainless steel, of a width of less than 600 mm: Not further worked than cold-rolled (cold-reduced):
Flat-rolled products of stainless steel, of a width of less than 600 mm: Not further worked than cold-rolled (cold-reduced):
Flat-rolled products of stainless steel, of a width of less than 600 mm: Not further worked than cold-rolled (cold-reduced):
Flat-rolled products of stainless steel, of a width of less than 600 mm: Not further worked than cold-rolled (cold-reduced):
Flat-rolled products of stainless steel, of a width of less than 600 mm: other
Flat-rolled products of stainless steel, of a width of less than 600 mm: other
Nickel plates, sheets, strip and foil; of nickel alloys
Phosphoric esters and their salts, including lactophosphates; their halogenated, sulphonated, nitrated or nitrosated derivatives
Nitric acid; sulphonitric acids
Fluorine
Artificial radioactive isotopes (Euratom); compounds of artificial radioactive isotopes (Euratom)
Artificial radioactive isotopes (Euratom); compounds of artificial radioactive isotopes (Euratom)
Other artificial radioactive isotopes (Euratom); compounds of artificial radioactive isotopes



Synthetic filament yarn (other than sewing thread), not put up for retail sale, including synthetic monofilament of less than 67 decitex; High tenacity yarn of nylon or other polyamides, whether or not textured; of aramids

Synthetic filament tow; Of nylon or other polyamides; of aramids

Synthetic staple fibres, not carded, combed or otherwise processed for spinning; Of nylon or other polyamides; Of aramids

Textile flock and dust and mill neps

Tyre cord fabric of high-tenacity yarn of nylon or other polyamides

Carbon fibres

Fabrics of carbon fibres

Other articles of carbon fibres

Rare-earth metals; 'Intermixtures or interalloys

Rare earth metals, of a purity by weight of 95 % or more; Cerium and lanthanum

Rare earth metals, of a purity by weight of 95 % or more; Praseodymium, neodymium and samarium

Rare earth metals, of a purity by weight of 95 % or more; Gadolinium, terbium and dysprosium
Rare earth metals, of a purity by weight of 95 % or more; Europium, holmium, erbium, thulium, ytterbium, lutetium and yttrium
Rare earth metals, of a purity by weight of 95 % or more; Scandium
Other rare earth metals
Compounds, inorganic or organic, of rare-earth metals; Cerium compounds
Compounds, inorganic or organic, of rare-earth metals; Scandium compounds
Compounds, inorganic or organic, of rare-earth metals; Lanthanum compounds
Compounds, inorganic or organic, of rare-earth metals; Compounds of praseodymium, neodymium or samarium
Compounds, inorganic or organic, of rare-earth metals; Compounds of gadolinium, terbium or dysprosium
Compounds, inorganic or organic, of rare-earth metals; Compounds of europium, holmium, erbium, thulium, ytterbium, lutetium or yttrium
Compounds, inorganic or organic, of rare-earth metals; Compounds of mixtures of metals
Tungsten powders
Unwrought tungsten, including bars and rods obtained simply by sintering
Tungsten waste and scrap
Bars and rods, other than those obtained simply by sintering, profiles, plates, sheets, strip and foil
Other tungsten articles
Software

Technology
Technology
Computed tomography apparatus
Apparatus based on the use of alpha, beta, gamma or other ionising radiation, whether or not for medical, surgical, dental or veterinary uses, including radiography or radiotherapy apparatus:
Spectrometers, spectrophotometers and spectrographs using optical radiation (UV, visible, IR)
Other Instruments and apparatus for physical or chemical analysis
Computed tomography apparatus
Apparatus based on the use of alpha, beta, gamma or other ionising radiation, whether or not for medical, surgical, dental or veterinary uses, including radiography or radiotherapy apparatus:
Spectrometers, spectrophotometers and spectrographs using optical radiation (UV, visible, IR)
Other Instruments and apparatus for physical or chemical analysis
Radar apparatus
Radio remote control apparatus
Ball bearings with greatest external diameter not exceeding 30 mm
Other ball bearings
Ball bearings with greatest external diameter not exceeding 30 mm

Other ball bearings
Tapered roller bearings, including cone and tapered roller assemblies
Tapered roller bearings, including cone and tapered roller assemblies
Other cylindrical roller bearings, including cage and roller assemblies
Electromagnetic couplings, clutches and brakes
Other electromagnetic couplings, clutches and brakes
Other, including combined ball/roller bearings
Tubes, pipes and hollow profiles, seamless, line pipe of a kind used for oil or gas pipelines, of stainless steel
Tubes, pipes and hollow profiles, seamless, of circular cross-section, of stainless steel.
Tubes, pipes and hollow profiles, seamless, of circular cross-section, not cold-reduced, of stainless steel, of an external diameter exceeding 168,3 mm but not exceeding 406,4 mm
Tubes, pipes and hollow profiles, seamless, of circular cross-section, not cold-reduced, of stainless steel, of an external diameter exceeding 406,4 mm
Tubes, pipes and hollow profiles, seamless, of circular cross-section, cold-reduced, of alloy steel, straight and of uniform wall thickness, of alloy steel containing by weight not less than 0,9 % but not more than 1,15 % of carbon, not less than 0,5 % but not more than 2 % of chromium and, if present, not more than 0,5 % of molybdenum
Tubes, pipes and hollow profiles, seamless, of circular cross-section, cold-reduced, of alloy steel, precision tubes
Tubes, pipes and hollow profiles, seamless, of circular cross-section, cold-reduced, of alloy steel, other
Tubes, pipes and hollow profiles, seamless, of circular cross-section, not cold-reduced, of alloy steel, Of an external diameter exceeding 168,3 mm but not exceeding 406,4 mm
Tubes, pipes and hollow profiles, seamless, of circular cross-section, not cold-reduced, of alloy steel, Of an external diameter exceeding 406,4 mm
Pressure-reducing valves; Combined with filters or lubricators
Other pressure-reducing valves; of cast iron or steel

Valves for the control of oleohydraulic power transmission
Valves for the control of pneumatic power transmission
Check (non-return) valves Of cast iron or of steel
Safety or relief valves: Of cast iron or of steel
Process control valves; Temperature regulators
Gate valves of steel
Globe valves of steel
Ball and plug valves
Butterfly valves
Diaphragm valves
Other valves
Gaskets and similar joints of metal sheeting combined with other material or of two or more layers of metal
Multi-stage centrifugal pump
AC generators (alternators), Of an output not exceeding 7,5 kVA
AC generators (alternators), Of an output exceeding 7,5 kVA but not exceeding 75 kVA
AC generators (alternators), Of an output exceeding 75 kVA but not exceeding 375 kVA
AC generators (alternators), Of an output exceeding 375 kVA but not exceeding 750 kVA
AC generators (alternators), Of an output exceeding 750 kVA
Parts, non-magnetic retaining rings
Parts of cast iron or cast steel
Other parts
Pressure-reducing valves; Combined with filters or lubricators
Other pressure-reducing valves; of cast iron or steel
Valves for the control of oleohydraulic power transmission
Valves for the control of pneumatic power transmission
Check (non-return) valves Of cast iron or of steel

Safety or relief valves: Of cast iron or of steel
Process control valves; Temperature regulators
Gate valves of steel
Globe valves of steel
Ball and plug valves
Butterfly valves
Diaphragm valves
Other valves
Gaskets and similar joints of metal sheeting combined with other material or of two or more layers of metal
Other machinery, plant or laboratory equipment, whether or not electrically heated (excluding furnaces, ovens and other equipment of heading 8514), for the treatment of materials by a process
Other machinery, plant or laboratory equipment, whether or not electrically heated (excluding furnaces, ovens and other equipment of heading 8514), for the treatment of materials by a process
Other machinery, plant or laboratory equipment, whether or not electrically heated (excluding
Programmable memory controllers
Programmable memory controllers
Machining centres, horizontal
Machining centres, other.

Unit construction machines (single station)

Multi-station transfer machines, Numerically controlled

Horizontal lathes, numerically controlled, turning centres

Horizontal lathes, numerically controlled, automatic lathes, single spindle

Horizontal lathes, numerically controlled, automatic lathes, multiple spindle

Horizontal lathes, numerically controlled, other

Other lathes, numerically controlled, turning centres

Other lathes, numerically controlled

Machine tools (including way-type unit head machines) for drilling, boring, milling, threading or tapping by removing metal, Way-type unit head machines

Machine tools (including way-type unit head machines) for drilling, boring, milling, threading or tapping by removing metal, Other boring-milling machines, numerically controlled

Machine tools (including way-type unit head machines) for drilling, boring, milling, threading or tapping by removing metal, Milling machines, knee-type, numerically controlled



Machine tools (including way-type unit head machines) for drilling, boring, milling, threading or tapping by removing metal, other milling machines, numerically controlled

Flat-surface grinding machines, numerically controlled

Other grinding machines, Centreless grinding machines, numerically controlled

Other cylindrical grinding machines, numerically controlled

Other, numerically controlled

Machining centres, horizontal

Machining centres, other.

Unit construction machines (single station)

Multi-station transfer machines, Numerically controlled

Horizontal lathes, numerically controlled, turning centres

Horizontal lathes, numerically controlled, automatic lathes, single spindle

Horizontal lathes, numerically controlled, automatic lathes, multiple spindle

Horizontal lathes, numerically controlled, other

Other lathes, numerically controlled, turning centres

Other lathes, numerically controlled

Machine tools (including way-type unit head machines) for drilling, boring, milling, threading or tapping by removing metal, Way-type unit head machines

Machine tools (including way-type unit head machines) for drilling, boring, milling, threading or tapping by removing metal, Other boring-milling machines, numerically controlled

Machine tools (including way-type unit head machines) for drilling, boring, milling, threading or tapping by removing metal, Milling machines, knee-type, numerically controlled

Machine tools (including way-type unit head machines) for drilling, boring, milling, threading or tapping by removing metal, other milling machines, numerically controlled

Flat-surface grinding machines, numerically controlled

Other grinding machines, Centreless grinding machines, numerically controlled

Other cylindrical grinding machines, numerically controlled

Other, numerically controlled

Machine tool; Operated by electrodischarge processes; Numerically controlled; Wire-cut

Machining centres, horizontal
Machining centres, other.
Horizontal lathes, numerically controlled, turning centres
Multi-station transfer machines
Horizontal lathes
Other lathes
Other milling machines (tool milling)
Other milling machines
Gear-cutting, gear-grinding or gear-finishing machines, for cutting cylindrical gears, numerically controlled
Gear-cutting machines, for cutting cylindrical gears
Gear-cutting machines, for cutting other gears, numerically controlled
Gear-cutting machines, for cutting other gears.
Gear-cutting machines, for cutting other gears, fitted with a micrometric adjusting system, in which the positioning in any one axis can be set up to an accuracy of at least 0,01 mm, numerically controlled.
Gear-cutting machines, for cutting other gears, fitted with a micrometric adjusting system, in which the positioning in any one axis can be set up to an accuracy of at least 0,01 mm.
Other gear-finishing machines
'Optical instruments, appliances and machines for measuring or checking, not elsewhere specified or included in chapter 90
'Instruments, appliances and machines for measuring or checking geometrical quantities, n.e.s. in Chapter 90
Other lifting, handling, loading or unloading machinery (for example, lifts, escalators, conveyors,
Machines and mechanical appliances having individual functions, not specified or included elsewhere in chapter 84; Industrial robots, not elsewhere specified or included

Tool holders and self-opening dieheads, Arbors, collets and sleeves.
Tool holders for lathes
Tool holders for other machine tools
Self-opening dieheads
Work holders, Jigs and fixtures for specific applications; sets of standard jig and fixture components
Work holders for lathes
Work holders for other machine tools
Dividing heads and other special attachments for machines
For machines of headings 8456 to 8461, Parts and accessories of machines of subheadings 8456 11
For other machines of headings 8456 to 8461
Rock-drilling or earth-boring tools, with working part of diamond or agglomerated diamond
Dies for drawing or extruding metal, with working part of diamond or agglomerated diamond

Tools for drilling, other than for rock-drilling, with working part of diamond or agglomerated diamond
Tools for boring or broaching, with working part of diamond or agglomerated diamond
Interchangeable tools, with working part of diamond or agglomerated diamond
Other parts for machines of heading 8456 to 8461
Cold isostatic presses
Hot isostatic presses
Machine tools for working metal or cermets, without removing material; Thread-rolling machines
Machine tools for working metal or cermets, without removing material;
Other machine tools for working metal or cermets, without removing material
Other welding machines and apparatus for treating metals
Welding machines and apparatus; for arc (including plasma arc) welding of metals;
Welding machines and apparatus; for arc (including plasma arc) welding of metals; For manual welding with coated electrodes, complete with welding or cutting devices, and consigned with Transformers
Welding machines and apparatus; for arc (including plasma arc) welding of metals; For manual
Welding machines and apparatus; for arc (including plasma arc) welding of metals; Other
Other welding machines and apparatus for treating metals
Tubes and pipes of nickel alloys
Tube or pipe fittings of nickel or nickel alloy
Other articles of nickel or nickel alloy
Stainless steel flanges
Stainless steel sleeves (Threaded)
Stainless elbows and bends (Threaded)
Stainless steel elbows and bends (butt)
Stainless steel other welding fittings (butt)
Stainless steel other fittings (threaded)
Stainless steel other fittings
Tanks, casks, drums, cans, boxes and similar containers, for any material (other than compressed or liquefied gas), of iron or steel, of a capacity between 50 and 300 l



Containers for compressed or liquefied gas, of iron or steel; Seamless; For a pressure of 165 bar or more, of a capacity of more than 50 l
Containers for compressed or liquefied gas, of iron or steel; Seamless; For a pressure of less than 165 bar, of a capacity of more than 50 l
Containers for compressed or liquefied gas, of iron or steel; not seamless; For a pressure of less than 165 bar, of a capacity of less than 1000 l
Containers for compressed or liquefied gas, of iron or steel; not seamless; For a pressure of less than 165 bar, of a capacity of more than 1000 l
Pressure-reducing valves; Combined with filters or lubricators
Other pressure-reducing valves; of cast iron or steel
Valves for the control of oleohydraulic power transmission
Valves for the control of pneumatic power transmission
Check (non-return) valves Of cast iron or of steel
Safety or relief valves: Of cast iron or of steel
Process control valves; Temperature regulators
Gate valves of steel
Globe valves of steel
Ball and plug valves
Butterfly valves
Diaphragm valves
Other valves
Gaskets and similar joints of metal sheeting combined with other material or of two or more layers of metal
Piledrivers and pile extractors
Coal or rock cutters and tunnelling machinery; Self-propelled
Coal or rock cutters and tunnelling machinery; not self-propelled

Other boring or sinking machinery, self-propelled
Other boring or sinking machinery, other
Bulldozers and angledozers: Track laying
Bulldozers and angledozers: Other
Machines and apparatus for electroplating, electrolysis or electrophoresis
Rotary positive displacement pumps: hydraulic units
Rotary positive displacement pumps: Hydraulic fluid power
Rotary positive displacement pumps: gear pumps
Rotary positive displacement pumps: vane pumps, hydraulic fluid power
Rotary positive displacement pumps: vane pumps, other
Rotary positive displacement pumps: screw pumps
Other 'Rotary positive displacement pumps
Submersible multi-stage centrifugal pump
Glandless impeller pumps for heating systems and warm water supply
Centrifugal pump with a discharge diameter exceeding 15 mm, Channel impeller pumps and side channel pumps
Centrifugal pump with a discharge diameter exceeding 15 mm, Channel impeller pumps and side channel pumps, single impellers, monobloc
Centrifugal pump with a discharge diameter exceeding 15 mm, Channel impeller pumps and side channel pumps, single impeller
Centrifugal pump with a discharge diameter exceeding 15 mm, Channel impeller pumps and side channel pumps, multiple impeller
Centrifugal pump with a discharge diameter exceeding 15 mm, Channel impeller pumps and side channel pumps, multi-stage
Centrifugal pump with a discharge diameter exceeding 15 mm, other single-stage
Centrifugal pump with a discharge diameter exceeding 15 mm, other multi-stage
Stainless steel flanges
Stainless steel sleeves (Threaded)
Stainless elbows and bends (Threaded)
Stainless steel elbows and bends (butt)
Stainless steel other welding fittings (butt)
Stainless steel other fittings (threaded)
Stainless steel other fittings
Pressure-reducing valves; Combined with filters or lubricators

Other pressure-reducing valves; of cast iron or steel
Valves for the control of oleohydraulic power transmission
Valves for the control of pneumatic power transmission
Check (non-return) valves Of cast iron or of steel
Safety or relief valves: Of cast iron or of steel
Process control valves; Temperature regulators
Gate valves of steel
Globe valves of steel
Ball and plug valves
Butterfly valves
Diaphragm valves
Other valves
Gaskets and similar joints of metal sheeting combined with other material or of two or more layers
Other machine tools for working metal or cermets, without removing material:
Machines for balancing mechanical parts
Flat-rolled products of stainless steel, of a width of 600 mm or more, Not further worked than hot-rolled, in coils:
Flat-rolled products of stainless steel, of a width of 600 mm or more, Not further worked than hot-rolled, in coils:
Flat-rolled products of stainless steel, of a width of 600 mm or more, Not further worked than hot-rolled, in coils:
Flat-rolled products of stainless steel, of a width of 600 mm or more, Not further worked than hot-rolled, in coils:
Flat-rolled products of stainless steel, of a width of 600 mm or more, Not further worked than hot-rolled, in coils:
Flat-rolled products of stainless steel, of a width of 600 mm or more, Not further worked than hot-rolled, in coils:
Flat-rolled products of stainless steel, of a width of 600 mm or more, Not further worked than hot-rolled, in coils:
Flat-rolled products of stainless steel, of a width of 600 mm or more, Not further worked than hot-rolled, not in coils:
Flat-rolled products of stainless steel, of a width of 600 mm or more, Not further worked than hot-rolled, not in coils:
Flat-rolled products of stainless steel, of a width of 600 mm or more, Not further worked than hot-rolled, not in coils:
Flat-rolled products of stainless steel, of a width of 600 mm or more, Not further worked than hot-rolled, not in coils:

Flat-rolled products of stainless steel, of a width of 600 mm or more, Not further worked than hot-rolled, not in coils:
Flat-rolled products of stainless steel, of a width of 600 mm or more, Not further worked than hot-rolled, not in coils:
Flat-rolled products of stainless steel, of a width of 600 mm or more, Not further worked than cold-rolled (cold-reduced):
Flat-rolled products of stainless steel, of a width of 600 mm or more, Not further worked than cold-rolled (cold-reduced):
Flat-rolled products of stainless steel, of a width of 600 mm or more, Not further worked than cold-rolled (cold-reduced):
Flat-rolled products of stainless steel, of a width of 600 mm or more, Not further worked than cold-rolled (cold-reduced):
Flat-rolled products of stainless steel, of a width of 600 mm or more, Not further worked than cold-rolled (cold-reduced):
Flat-rolled products of stainless steel, of a width of 600 mm or more, Not further worked than cold-rolled (cold-reduced):
Flat-rolled products of stainless steel, of a width of 600 mm or more, Not further worked than cold-rolled (cold-reduced):
Flat-rolled products of stainless steel, of a width of 600 mm or more, Not further worked than cold-rolled (cold-reduced):
Flat-rolled products of stainless steel, of a width of 600 mm or more, other
Flat-rolled products of stainless steel, of a width of 600 mm or more, other
Flat-rolled products of stainless steel, of a width of less than 600 mm: Of a thickness of 4,75 mm or more
Flat-rolled products of stainless steel, of a width of less than 600 mm: Of a thickness of less than 4,75 mm
Flat-rolled products of stainless steel, of a width of less than 600 mm: Not further worked than cold-rolled (cold-reduced):
Flat-rolled products of stainless steel, of a width of less than 600 mm: Not further worked than cold-rolled (cold-reduced):
Flat-rolled products of stainless steel, of a width of less than 600 mm: Not further worked than cold-rolled (cold-reduced):
Flat-rolled products of stainless steel, of a width of less than 600 mm: Not further worked than cold-rolled (cold-reduced):
Flat-rolled products of stainless steel, of a width of less than 600 mm: Not further worked than cold-rolled (cold-reduced):
Flat-rolled products of stainless steel, of a width of less than 600 mm: Not further worked than cold-rolled (cold-reduced):
Flat-rolled products of stainless steel, of a width of less than 600 mm: other
Flat-rolled products of stainless steel, of a width of less than 600 mm: other
Line pipe of a kind used for oil or gas pipelines pf stainless steel
Casing, tubing and drill pipe, of a kind used in drilling for oil or gas; Drill pipe of stainless steel
Casing, tubing and drill pipe, of a kind used in drilling for oil or gas; other of stainless steel
Casing, tubing and drill pipe, of a kind used in drilling for oil or gas, other of of circular cross-section, of stainless steel, Cold-drawn or cold-rolled (cold-reduced)
Casing, tubing and drill pipe, of a kind used in drilling for oil or gas, other of of circular cross-section, of stainless steel, other Of an external diameter not exceeding 168,3 mm

Casing, tubing and drill pipe, of a kind used in drilling for oil or gas, other of of circular cross-section, of stainless steel, other Of an external diameter exceeding 168,3 mm but not exceeding 406,4 mm
Casing, tubing and drill pipe, of a kind used in drilling for oil or gas, other of of circular cross-section, of stainless steel, other Of an external diameter exceeding 406,4 mm
Other tubes and pipes (for example, welded, riveted or similarly closed), having circular cross-sections, the external diameter of which exceeds 406,4 mm, of iron or steel, Line pipe of a kind used for oil or gas pipelines: Longitudinally submerged arc welded
Other tubes and pipes (for example, welded, riveted or similarly closed), having circular cross-sections, the external diameter of which exceeds 406,4 mm, of iron or steel, Line pipe of a kind used for oil or gas pipelines: Other, longitudinally welded
Other tubes and pipes (for example, welded, riveted or similarly closed), having circular cross-sections, the external diameter of which exceeds 406,4 mm, of iron or steel, Line pipe of a kind used for oil or gas pipelines: Other
Other tubes, pipes and hollow profiles (for example, open seam or welded, riveted or similarly closed), of iron or steel: Line pipe of a kind used for oil or gas pipelines: Welded, of stainless steel
Other tubes, pipes and hollow profiles (for example, open seam or welded, riveted or similarly closed), of iron or steel: Other, welded, of circular cross-section, of stainless steel: Cold-drawn or cold-rolled (cold-reduced)
Other tubes, pipes and hollow profiles (for example, open seam or welded, riveted or similarly closed), of iron or steel: Other, welded, of circular cross-section, of stainless steel: other
Other tubes, pipes and hollow profiles (for example, open seam or welded, riveted or similarly closed), of iron or steel: Other, welded, of non-circular cross-section, Of square or rectangular cross-section: Of stainless steel
Other tubes, pipes and hollow profiles (for example, open seam or welded, riveted or similarly closed), of iron or steel: Other, welded, of non-circular cross-section, Of other non-circular cross-section, Of stainless steel
Reservoirs, tanks, vats and similar containers for any material (other than compressed or liquefied gas), of iron or steel, of a capacity exceeding 300 l, whether or not lined or heat-insulated, but not fitted with mechanical or thermal equipment: For gases (other than compressed or liquefied gas)
Reservoirs, tanks, vats and similar containers for any material (other than compressed or liquefied gas), of iron or steel, of a capacity exceeding 300 l, whether or not lined or heat-insulated, but not fitted with mechanical or thermal equipment: Lined or heat-insulated
Reservoirs, tanks, vats and similar containers for any material (other than compressed or liquefied gas), of iron or steel, of a capacity exceeding 300 l, whether or not lined or heat-insulated, but not fitted with mechanical or thermal equipment: Exceeding 100 000 L
Reservoirs, tanks, vats and similar containers for any material (other than compressed or liquefied gas), of iron or steel, of a capacity exceeding 300 l, whether or not lined or heat-insulated, but not fitted with mechanical or thermal equipment: Not exceeding 100 000 L
Reservoirs, tanks, vats and similar containers for any material (other than compressed or liquefied gas), of iron or steel, of a capacity exceeding 300 l, whether or not lined or heat-insulated, but not fitted with mechanical or thermal equipment: For solids

Tanks, casks, drums, cans, boxes and similar containers, for any material (other than compressed or liquefied gas), of iron or steel, of a capacity not exceeding 300 l, whether or not lined or heat-insulated, but not fitted with mechanical or thermal equipment: Of a capacity of 50 l or more
Containers for compressed or liquefied gas, of iron or steel: seamless, For a pressure of 165 bar or more, of a capacity of: Less than 20 l
Containers for compressed or liquefied gas, of iron or steel: seamless, For a pressure of 165 bar or more, of a capacity of: 20 l or more but not more than 50 l
Containers for compressed or liquefied gas, of iron or steel: seamless, For a pressure of 165 bar or more, of a capacity of: More than 50 l
Containers for compressed or liquefied gas, of iron or steel: seamless, For a pressure of 165 bar or more, of other capacity
Containers for compressed or liquefied gas, of iron or steel: seamless, For other pressure, Less than 1 000 l.
Containers for compressed or liquefied gas, of iron or steel: seamless, For other pressure, 1 000 l or more
Pressure-reducing valves, Combined with filters or lubricators
Pressure-reducing valves, other, Of cast iron or of steel
Valves for oleohydraulic or pneumatic transmissions, Valves for the control of oleohydraulic power transmission
Valves for oleohydraulic or pneumatic transmissions, Valves for the control of pneumatic power transmission
Check (non-return) valves, of cast iron or of steel
Safety or relief valves: Of cast iron or of steel
Mixing valves
Process control valves: temperature regulators
Other process control valves
Gate valves of steel
Globe valves of steel
Ball and plug valves
Butterfly valves
Diaphragm valves
Other valves
Other turbocompressors
Gas-tight biological safety cabinets
Centrifuges of a kind used in laboratories
Other machinery, plant or laboratory equipment, whether or not electrically heated
Cooling towers and similar plant for direct cooling (without a separating wall) by means of recirculated water

Other machinery, plant or laboratory equipment, whether or not electrically heated
Parts of machinery, plant or laboratory equipment, whether or not electrically heated
Machinery and apparatus for filtering or purifying air
Machinery and apparatus for filtering or purifying other gases by a catalytic process
Machinery and apparatus for filtering or purifying other gases; other
Rotary piston pumps, sliding vane rotary pumps, molecular drag pumps and Roots pumps
Diffusion pumps, cryopumps and adsorption pumps
Other vacuum pumps
Gas or smoke analysis apparatus; electronic
Gas or smoke analysis apparatus; other
Chromatographs and electrophoresis instruments
Spectrometers, spectrophotometers and spectrographs using optical radiation (UV, visible, IR)
Other instruments and apparatus using optical radiation (UV, visible, IR)
Mass spectrometers
Other instruments and apparatus for physical or chemical analysis
Microtomes; parts and accessories
Other machines and apparatus for electroplating, electrolysis or electrophoresis:
Bars, rods, profiles and wire of titanium

Other articles of titanium
Bars, rods and profiles of nickel, not alloyed
Bars, rods and profiles of nickel alloys
Wire of nickel, not alloyed
Wire of nickel alloys
Other articles of nickel or nickel alloy
Bars, rods and profiles of nickel alloys
Other articles of nickel or nickel alloy
Parts of electrical machines and apparatus, having individual functions, not specified or included elsewhere in this chapter
Parts of electrical machines and apparatus, having individual functions, not specified or included elsewhere in this chapter
Parts of electrical machines and apparatus, having individual functions, not specified or included elsewhere in this chapter
Other rotary positive displacement pumps
Rotary piston pumps, sliding vane rotary pumps, molecular drag pumps and Roots pumps
Other vacuum pumps
Rotary displacement compressors, single-shaft
Rotary displacement compressors, multi-shaft, screw compressors
Other air or vacuum pumps, air or other gas compressors and fans
Other machinery, plant or laboratory equipment, whether or not electrically heated
Software
Software
Software



Software
Software
Software
Technology
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Technology

Diodes, other than photosensitive or light-emitting diodes (LED)
Transistors, other than photosensitive transistors with a dissipation rate of less than 1 W
Other transistors, other than photosensitive transistors
Thyristors, diacs and triacs (excl. photosensitive semiconductor devices)
Photosensitive semiconductor devices (excl. Photovoltaic generators and cells)
Other semiconductor devices: Semiconductor-based transducers
Other semiconductor devices
Mounted piezo-electric crystals
Semiconductor devices: Parts
Chemical elements doped for use in electronics, in the form of discs, wafers or similar forms; chemical compounds doped for use in electronics
Machines and apparatus for the manufacture of boules or wafers
Machines and apparatus for the manufacture of semiconductor devices or of electronic integrated circuits
Machines and apparatus specified in note 11(C) to this chapter

Printed circuits
Boards, panels, consoles, desks, cabinets and other bases, equipped with two or more apparatus of heading 8535 or 8536, for electric control or the distribution of electricity, including those incorporating instruments or apparatus of Chapter 90, and numerical control apparatus, other than switching apparatus of heading 8517, for a voltage not exceeding 1 000 V
Processors and controllers, whether or not combined with memories, converters, logic circuits, amplifiers, clock and timing circuits, or other circuits
Memories
Amplifiers
Other Electronic Integrated Circuits
Electronic integrated circuits: Parts
Signal generators
Other instruments and apparatus using optical radiation (UV, visible, IR)
Oscilloscopes and oscillographs
Multimeters with recording device
Instruments and apparatus for measuring or checking voltage, current, resistance or electrical power, with recording device
Other television cameras, digital cameras and video camera recorders
Other parts suitable for use solely or principally with the apparatus of headings 8524 to 8528
Cameras specially designed for underwater use, for aerial survey or for medical or surgical examination of internal organs; comparison cameras for forensic or criminological purposes
Telescopic sights for fitting to arms; periscopes; telescopes designed to form parts of machines, appliances, instruments or apparatus of this chapter or Section XVI
Other optical devices, appliances and instruments
Other thermometers and pyrometers, not combined with other instruments
Permanent magnets and articles intended to become permanent magnets after magnetisation; of metal

Aerials and aerial reflectors of all kinds; parts suitable for use therewith
Other fixed capacitors of tantalum
Ceramic dielectric multilayer capacitors
Relays, for a voltage not exceeding 60 V
Other switches
Plugs and sockets
Other apparatus for switching or protecting electrical circuits, or for making connections to or in electrical circuits (for example, switches, relays, fuses, surge suppressors, plugs, sockets, lamp holders and other connectors, junction boxes), for a voltage not exceeding 1 000 V; connectors for optical fibres, optical fibre bundles or cables
Electrical parts of machinery or apparatus, not specified or included elsewhere in Chapter 85
Machines for additive manufacturing by plastics or rubber deposit
Machines for additive manufacturing by plaster, cement, ceramics or glass deposit
Parts of machines for additive manufacturing
Pulps of fibres derived from recovered (waste and scrap) paper or paperboard or of other fibrous cellulosic material: Cotton linters pulp
Processing units other than those of subheading 8471 41 or 8471 49, whether or not containing in the same housing one or two of the following types of unit: storage units, input units, output units
Units for automatic data-processing machines (excl. processing units, input or output units and storage units)
Machines for the reception, conversion and transmission or regeneration of voice, images or other data, including switching and routing apparatus
Other apparatus for the transmission or reception of voice, images or other data, including apparatus for communication in a wired or wireless network
Radio navigational aid apparatus
Instruments and appliances for aeronautical or space navigation (other than compasses)
Other navigational instruments and appliances

## x XI

Aircraft, spacecraft, and parts thereof
Hydrauliköle zur Verwendung in Fahrzeugen des Kapitels 88
Hydraulic oils for the usage in vehicles of Chapter 88
Other lubricating oils and other oils for use in aviation
New pneumatic tyres of rubber, of a kind used on aircraft
Brake discs and pads for use on aircraft
Brake linings and pads
Aerials and aerial reflectors of all kinds; parts suitable for use therewith
Other parts related to aerials
Machines and appliances for testing the hardness, strength, compressibility, elasticity or other mechanical properties of materials: Machines and appliances for testing metals
Spark-ignition reciprocating or rotary internal combustion piston engine, for aircraft
Parts suitable for use solely or principally with internal combustion piston engine for aircraft
turbojets of a thrust $\leq 25$ kn
turbojets of a thrust $> 25$ kn
turbopropellers of a power $\leq 1100$ kw

turbopropellers of a power > 1100 kw
parts of turbojets or turbopropellers, n.e.s.

<b>XX</b>
Jet fuel (other than kerosene):
Spirit type jet fuel (light oils)
Other than kerosene (medium oils)
Kerosene type jet fuel (medium oils)
Kerosene type jet fuel blended with biodiesel(1)
Oxidation inhibitors
Oxidation inhibitors used in additives for lubricating oils:
oxidation inhibitors containing petroleum oils
other oxidation inhibitors
Oxidation inhibitors used for other liquids used for the same purpose as mineral oils
Static dissipater additives
Static dissipater additives for lubricating oils:
containing petroleum oils
other
Static dissipater additives for other liquids used for the same purpose as mineral oils
Corrosion inhibitors
Corrosion inhibitors for lubricating oils:
containing petroleum oils
other
Corrosion inhibitors for other liquids used for the same purpose as mineral oils
Fuel system icing inhibitors (anti-icing additives)
Fuel system icing inhibitors for lubricating oils:
containing petroleum oils
other
Fuel system icing inhibitors for other liquids used for the same purpose as mineral oils
Metal de-activators
Metal de-activators for lubricating oils:
containing petroleum oils
other
Metal de-activator for other liquids used for the same purpose as mineral oils
Biocide additives
Biocide additives for lubricating oils:
containing petroleum oils
other
Biocide additives for other liquids used for the same purpose as mineral oils
Thermal stability improver additives
Thermal stability improver for lubricating oils:
containing petroleum oils
other
Thermal stability improver for other liquids used for the same purpose as mineral oils





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