

Annex II (Informative)
Units of Measure: Code elements listed by name

The table column titled “Level/Category” identifies the normative or informative relevance of the unit:

level 1 – normative = SI normative units, standard and commonly used multiples

level 2 – normative equivalent = SI normative equivalent units (UK, US, etc.) and commonly used multiples

level 3 – informative = Units of count and other units of measure (invariably with no comprehensive conversion factor to SI)

The code elements for units of packaging are specified in UN/ECE Recommendation No. 21 (Codes for types of cargo, packages and packaging materials). See note at the end of this Annex).

| ST | Name Description | Level/ Category | Representation symbol | Conversion factor to SI | Common Code |
|----|---|--------------------|-----------------------|--------------------------|----------------|
| D | 15 °C calorie | 2 | cal ₁₅ | 4,185 5 J | A1 |
| + | 8-part cloud cover A unit of count defining the number of eighth-parts as a measure of the celestial dome cloud coverage. | 3.9 | | | A59 |
| | access line A unit of count defining the number of telephone access lines. | 3.5 | | | AL |
| | acre | 2 | acre | 4 046,856 m ² | ACR |
| + | active unit A unit of count defining the number of active units within a substance. | 3.9 | | | E25 |
| + | activity A unit of count defining the number of activities (activity: a unit of work or action). | 3.2 | | | ACT |
| X | actual ton | 3.1 | | | 26 |
| | additional minute A unit of time defining the number of minutes in addition to the referenced minutes. | 3.5 | | | AH |
| | air dry metric ton A unit of count defining the number of metric tons of a product, disregarding the water content of the product. | 3.1 | | | MD |
| + | air dry ton A unit of mass defining the number of tons of a product, disregarding the water content of the product. | 3.1 | | | E28 |
| | alcoholic strength by mass A unit of mass defining the alcoholic strength of a liquid. | 3.5 | | | ASM |
| | alcoholic strength by volume A unit of volume defining the alcoholic strength of a liquid (e.g. spirit, wine, beer, etc), often at a specific temperature. | 3.5 | | | ASU |

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|----|---|--------------------|-------------------------------------|--------------------------------------|----------------|
| X | aluminium pound only | 3.1 | | | AP |
| | ampere | 1 | A | A | AMP |
| | ampere hour A unit of power defining the rate of energy transferred or consumed when a current of 1000 amperes flows due to a potential of 1000 volts at unity power factor. | 1M | A·h | 3,6 x 10 ³ C | AMH |
| | ampere per centimetre | 1S | A/cm | 10 ² A/m | A2 |
| | ampere per metre | 1 | A/m | A/m | AE |
| | ampere per millimetre | 1S | A/mm | 10 ³ A/m | A3 |
| | ampere per square centimetre | 1S | A/cm ² | 10 ⁴ A/m ² | A4 |
| | ampere per square metre | 1 | A/m ² | A/m ² | A41 |
| | ampere per square metre kelvin squared | 1 | A/(m ² ·K ²) | A/(m ² x K ²) | A6 |
| | ampere per square millimetre | 1S | A/mm ² | 10 ⁶ A/m ² | A7 |
| | ampere second | 1 | A·s | C | A8 |
| | ampere square metre | 1 | A·m ² | A x m ² | A5 |
| | ampere square metre per joule second | 1 | A·m ² /(J·s) | (A x s)/kg | A10 |
| X | ampere tum per centimetre | 3.9 | | | 73 |
| X | ampoule Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | AM |
| | angstrom | 1 | Å | 10 ⁻¹⁰ m | A11 |
| | anti-hemophilic factor (AHF) unit A unit of measure for blood potency (US). | 3.9 | | | AQ |
| | are | 1 | a | 10 ² m ² | ARE |
| | assembly A unit of count defining the number of assemblies (assembly: items that consist of component parts). | 3.9 | | | AY |
| | assortment A unit of count defining the number of assortments (assortment: set of items grouped in a mixed collection). | 3.9 | | | AS |
| | astronomical unit | 1 | AU | 1,495 978 70 x 10 ¹¹ m | A12 |
| | attojoule | 1S | aJ | 10 ⁻¹⁸ J | A13 |

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|----|---|--------------------|-----------------------|---|----------------|
| | average minute per call A unit of count defining the number of minutes for the average interval of a call. | 3.5 | | | AI |
| X | bag Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | BG |
| X | bale Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | BL |
| | ball A unit of count defining the number of balls (ball: object formed in the shape of sphere). | 3.9 | | | AA |
| X | band | 3.9 | | | D92 |
| X | bar [unit of packaging] Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | BR |
| # | bar [unit of pressure] | 1 | bar | 10 ⁵ Pa | BAR |
| X | barge | 3.4 | | | NB |
| | barn | 1 | b | 10 ⁻²⁸ m ² | A14 |
| | barn per electron volt | 1 | b/eV | 6,241 46 x 10 ⁻¹⁰ m ² /J | A15 |
| | barn per steradian | 1 | b/sr | 1,256 64 x 10 ⁻²⁷ m ² | A17 |
| | barn per steradian electronvolt | 1 | b/(sr·eV) | 6,241 46 x 10 ⁻¹⁰ m ² /(sr x J) | A16 |
| # | barrel (US) | 2 | barrel (US) | 158,987 3 x 10 ⁻³ m ³ | BLL |
| | barrel (US) per day | 3.5 | barrel (US/d) | 1,840 13 x 10 ⁻⁶ m ³ /s | B1 |
| # | barrel (US) per minute | 2 | barrel (US)/min | 2,649 79 x 10 ⁻³ m ³ /s | 5A |
| | barrel, imperial A unit of volume used to measure liquids such as beer or wine. One barrel equals 36 imperial gallons. | 3.5 | | | B4 |
| | base box A unit of area of 112 sheets of tin mil products (tin plate, tin free steel or black plate) 14 by 20 inches, or 31,360 square inches. | 3.5 | | | BB |
| X | base weight | 3.9 | | | BW |
| X | basket Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | BK |
| | batch A unit of count defining the number of batches (batch: quantity of material produced in one operation or number of animals or persons coming at once). | 3.9 | | | 5B |

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|----|---|--------------------|-----------------------|--|----------------|
| X | batt | 3.9 | | | B9 |
| | batting pound A unit of mass defining the number of pounds of wadded fibre. | 3.1 | | | B3 |
| X | beam | 3.3 | | | D79 |
| | becquerel | 1 | Bq | $27,027 \times 10^{-12}$ Ci | BQL |
| | becquerel per kilogram | 1 | Bq/kg | $27,027 \times 10^{-12}$ Ci/kg | A18 |
| | becquerel per metre cubed | 1 | Bq/m ³ | $27,027 \times 10^{-12}$ Ci/m ³ | A19 |
| X | belt | 3.9 | | | E2 |
| X | billet | 3.9 | | | B5 |
| | billion (EUR) | 3.7 | | 10^{12} | BIL |
| | billion (US) | 3.7 | | 10^9 | MLD |
| X | bin Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | 2W |
| + | bit A unit of information equal to one binary digit. | 3.6 | bit | | A99 |
| + | bit per second A unit of information equal to one binary digit per second. | 3.6 | bit/s | | B10 |
| X | block | 3.9 | | | D64 |
| X | board Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | BD |
| | board foot A unit of volume defining the number of cords (cord: a stack of firewood of 128 cubic feet). | 3.5 | fbm | | BFT |
| X | bobbin Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | 4A |
| X | bolt Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | BT |
| | book A unit of count defining the number of books (book: set of items bound together or written document of a material whole). | 3.9 | | | D63 |
| X | bottle Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | BO |

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|----|--|--------------------|------------------------------|---|----------------|
| X | box Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | BX |
| | brake horse power | 2 | BHP | 245,7 W | BHP |
| | British thermal unit | 2 | Btu | 1 055,056 J | BTU |
| | British thermal unit per hour | 2 | Btu/h | 0,293 071 1 N | 2I |
| | British thermal unit per hour square foot degree Rankin | 2 | Btu/ (h·ft ² ·°R) | 5,678 26 W/ (m ² x K) | A23 |
| | British thermal unit per pound | 2 | Btu/lb | 2 326 J/kg | AZ |
| | British thermal unit per pound degree Rankin | 2 | Btu/(lb·°R) | 4 186,8 J/(kg x K) | A21 |
| | British thermal unit per second foot degree Rankin | 2 | Btu/(s·ft·°R) | 6 230,64 W/(m x K) | A22 |
| | British thermal unit per second square foot degree Rankin | 2 | Btu/ (s·ft ² ·°R) | 20 441,7 W/(m ² x K) | A20 |
| X | brush | 3.9 | | | BH |
| X | Btu per cubic foot | 3.9 | BTU/ft ³ | | B0 |
| X | bucket Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | BJ |
| X | bulk Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | VQ |
| X | bulk car load | 3.4 | | | 48 |
| | bulk pack A unit of count defining the number of items per bulk pack. | 3.9 | pk | | AB |
| X | bun | 3.9 | | | B6 |
| X | bundle Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | BE |
| X | bunk | 3.9 | | | B2 |
| | bushel (UK) | 2 | bushel (UK) | 3,636 872 x 10 ⁻² m ³ | BUI |
| | bushel (US) | 2 | bu (US) | 3,523 907 x 10 ⁻² m ³ | BUA |
| | byte A unit of information equal to 8 bits. | 3.6 | B | | AD |
| X | caboose count | 3.5 | | | 1D |
| X | caboose mile | 3.5 | | | 1H |

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| | cake A unit of count defining the number of cakes (cake: object shaped into a flat, compact mass). | 3.9 | | | KA |
| # | call A unit of count defining the number of calls (call: communication session or visitation). | 3.5 | | | C0 |
| D | calorie | 3.5 | cal | 4,186 8 J | R4 |
| X | calorie per cubic centimetre | 3.9 | | | 92 |
| D | calorie per gram | 3.5 | cal/g | 4,186 8 x 10 ³ J/kg | 93 |
| X | can Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | CA |
| | candela | 1 | cd | cd | CDL |
| | candela per square metre | 1 | cd/m ² | cd/m ² | A24 |
| X | cap | 3.9 | | | 4B |
| X | capsule Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | AV |
| X | car | 3.5 | | | NC |
| X | car count | 3.5 | | | 1B |
| X | car mile | 3.5 | | | 1A |
| X | carboy Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | CO |
| | card A unit of count defining the number of units of card (card: thick stiff paper or cardboard). | 3.9 | | | CG |
| X | carload | 3.5 | | | C4 |
| | carrying capacity in metric ton A unit of mass defining the carrying capacity, expressed as the number of metric tons. | 3.4 | | | CCT |
| X | carset | 3.5 | | | C2 |
| X | carton Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | CT |
| X | cartridge Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.9 | | | CQ |
| X | case Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | CS |

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|----|--|--------------------|-----------------------|------------------------------------|----------------|
| X | cask Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | Z3 |
| X | cassette | 3.9 | | | D66 |
| X | catch weight | 3.9 | | | 31 |
| X | cell | 3.9 | | | C6 |
| | cental (UK) A unit of mass equal to one hundred weight (US). | 3.5 | | 45,359 237 kg | CNT |
| | centigram | 1M | cg | 10 ⁻⁵ kg | CGM |
| | centilitre | 1S | cl | 10 ⁻⁵ m ³ | CLT |
| | centimetre | 1S | cm | 10 ⁻² m | CMT |
| | centimetre | 3.5 | cm | 10 ⁻² m | CMT |
| | centimetre per second | 1S | cm/s | 10 ⁻² m/s | 2M |
| | centipoise | 2 | cP | 10 ⁻³ Pa x s | C7 |
| | centistokes | 2 | cSt | 10 ⁻⁶ m ² /s | 4C |
| | centner, metric 100 kg A metric unit of mass equal to 100 kilograms. | 3.5 | dt or dtn | 10 ² kg | DTN |
| | chain | 2 | ch | 20,116 8 m | X1 |
| X | chest Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | Z2 |
| D | cheval vapeur | 2 | CV | 7,354 988 x 10 ² W | A25 |
| X | coil Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | CL |
| | coil group A unit of count defining the number of coil groups (coil group: groups of items arranged by lengths of those items placed in a joined sequence of concentric circles). | 3.9 | | | C9 |
| X | column inch | 3.9 | | | II |
| X | combo | 3.9 | | | CZ |
| X | composite product pound (total weight) | 3.9 | | | C1 |
| X | cone Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.9 | | | CJ |

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|----|---|--------------------|-----------------------|--------------------------------------|----------------|
| X | conference point | 3.5 | | | Z6 |
| X | connector | 3.9 | | | CK |
| X | container Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.4 | | | CH |
| + | content gram A unit of mass defining the number of grams of a named item in a product. | 3.1 | | | CTG |
| + | content ton (metric) A unit of mass defining the number of metric tons of a named item in a product. | 3.1 | | | CTN |
| D | conventional millimetre of mercury | 2 | mm Hg | 133,322 4 Pa | HN |
| D | conventional millimetre of water | 2 | mm H ₂ O | 9,806 65 Pa | HP |
| X | cop | 3.9 | | | AJ |
| | cord A unit of volume used for measuring lumber. One board foot equals 1/12 of a cubic foot. | 3.5 | | 3,63 m ³ | WCD |
| X | cost | 3.9 | | | C5 |
| | coulomb | 1 | C | A x s | COU |
| | coulomb metre | 1 | C·m | A x s x m | A26 |
| | coulomb metre squared per volt | 1 | C·m ² /V | A ² x s ⁴ /kg | A27 |
| | coulomb per cubic centimetre | 1S | C/cm ³ | 10 ⁶ A x s/m ³ | A28 |
| | coulomb per cubic metre | 1 | C/m ³ | A x s/m ³ | A29 |
| | coulomb per cubic millimetre | 1S | C/mm ³ | 10 ⁹ A x s/m ³ | A30 |
| | coulomb per kilogram | 1 | C/kg | A x s/kg | CKG |
| | coulomb per kilogram second | 1 | C/(kg·s) | A/kg | A31 |
| | coulomb per mole | 1 | C/mol | A x s/mol | A32 |
| | coulomb per square centimetre | 1S | C/cm ² | 10 ⁴ A x s/m ² | A33 |
| | coulomb per square metre | 1 | C/m ² | A x s/m ² | A34 |
| | coulomb per square millimetre | 1S | C/mm ² | 10 ⁶ A x s/m ² | A35 |
| X | count per centimetre | 3.9 | | | IT |
| X | count per inch | 3.9 | | | IC |
| X | count per minute | 3.9 | | | 5K |

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|----|--|--------------------|---|---|----------------|
| X | cover Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | CV |
| X | crate Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | CR |
| + | credit A unit of count defining the number of entries made to the credit side of an account. | 3.9 | | | B17 |
| | cubic centimetre | 1S | cm ³ | 10 ⁻² m ³ | CMQ |
| | cubic centimetre per mole | 1S | cm ³ /mol | 10 ⁻⁶ m ³ /mole | A36 |
| | cubic centimetre per second | 1S | cm ³ /s | 10 ⁻⁶ m ³ /s | 2J |
| | cubic decimetre | 1S | dm ³ | 10 ⁻¹ m ³ | DMQ |
| | cubic decimetre per mole | 1S | dm ³ /mol | 10 ⁻³ m ³ /mol | A37 |
| | cubic feet per minute per square foot | 1M | ft ³ /(min/ft ²) | 5,079 999 535 x 10 ⁻³ m ³ /s/m ² | 36 |
| | cubic foot | 2 | ft ³ | 2,831 685 x 10 ⁻² m ³ | FTQ |
| | cubic foot per hour | 2 | ft ³ /h | 7,865 79 x 10 ⁻⁶ m ³ /s | 2K |
| | cubic foot per minute | 2 | ft ³ /min | 4,719 474 x 10 ⁻⁴ m ³ /s | 2L |
| + | cubic foot per second A unit of volume equal to one cubic foot passing a given point in a period of one second. | 3.1 | ft ³ /s | 2.831 685 x 10 ⁻² m ³ /s | E17 |
| | cubic inch | 2 | in ³ | 16,387 064 x 10 ⁻⁶ m ³ | INQ |
| | cubic metre | 1 | m ³ | m ³ | MTQ |
| X | cubic metre (net) | 3.1 | | | D90 |
| | cubic metre per coulomb | 1 | m ³ /C | m ³ /A x s | A38 |
| | cubic metre per hour | 1M | m ³ /h | 2,777 78 x 10 ⁻⁴ m ³ /s | MQH |
| | cubic metre per kilogram | 1 | m ³ /kg | m ³ /kg | A39 |
| | cubic metre per mole | 1 | m ³ /mol | m ³ /mol | A40 |
| | cubic metre per second | 1 | m ³ /s | m ³ /s | MQS |
| | cubic millimetre | 1S | mm ³ | 10 ⁻³ m ³ | MMQ |
| | cubic yard | 2 | yd ³ | 0,764 555 m ³ | YDQ |
| X | cup Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | CU |

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|----|---|--------------------|-----------------------|----------------------------|----------------|
| | curie | 2 | Ci | $3,7 \times 10^{10}$ Bq | CUR |
| | curie per kilogram | 2 | Ci/kg | $3,7 \times 10^{10}$ Bq/kg | A42 |
| X | curl unit | 3.9 | | | 94 |
| | cycle A unit of count defining the number of cycles (cycle: a recurrent period of definite duration). | 3.9 | | | B7 |
| X | cylinder Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | CY |
| X | data record | 3.6 | | | DQ |
| | day | 1 | d | 86 400 s | DAY |
| | deadweight tonnage A unit of mass defining the difference between the weight of a ship when completely empty and its weight when completely loaded, expressed as the number of tons. | 3.4 | dwt | | A43 |
| X | deal | 3.9 | | | DE |
| | decade A unit of count defining the number of decades (decade: quantity equal to 10 or time equal to 10 years). | 3.8 | | | DEC |
| | decagram | 1M | dag | 10^{-2} kg | DJ |
| | decalitre | 1M | dal | 10^{-2} m ³ | A44 |
| | decametre | 1M | dam | 10 m | A45 |
| | decare | 1M | daa | 10^3 m ² | DAA |
| | decibel | 1 | dB | 0,115 129 3 Np | 2N |
| | decigram | 1M | dg | 10^{-4} kg | DG |
| | decilitre | 1M | dl | 10^{-4} m ³ | DLT |
| | decilitre per gram | 1M | dl/g | $m^3/10^{-1}$ kg | 22 |
| | decimetre | 1M | dm | 10^{-1} m | DMT |
| | decinewton metre | 1S | dN·m | 10^{-1} N x m | DN |
| | decitex A unit of yarn density. One decitex equals a mass of 1 gram per 10 kilometres of length. | 3.5 | dtex (g/10km) | | A47 |
| | decitonne | 1M | dt or dtn | 10^2 kg | DTN |
| | degree | 1 | ° | 0,017 453 29 rad | DD |

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|----|--|--------------------|-----------------------|----------------------------------|----------------|
| # | degree [unit of angle] | 1 | | 1,745 329 x 10 ⁻² rad | DD |
| | degree Celsius | 1 | °C | °C | CEL |
| | degree days A unit of measure used in meteorology and engineering to measure the demand for heating or cooling over a given period of days. | 3.5 | deg da | | E10 |
| | degree Fahrenheit | 2 | °F | 9/5(°C) + 32° | FAH |
| + | degree Plato A unit of proportion defining the sugar content of a product, especially in relation to beer. | 3.5 | °P | | PLA |
| | degree Rankin | 2 | °R | 5/9 K | A48 |
| | denier A unit of yarn density. One denier equals a mass of 1 gram per 9 kilometres of length. | 3.5 | den (g/9 km) | | A49 |
| + | digit A unit of information defining the quantity of numerals used to form a number. | 3.7 | | | B19 |
| X | directory book | 3.9 | | | DY |
| X | disk (disc) | 3.9 | | | DC |
| X | dispenser | 3.3 | | | DI |
| | displacement tonnage A unit of mass defining the volume of sea water a ship displaces, expressed as the number of tons. | 3.4 | | | DPT |
| X | display | 3.9 | | | DS |
| X | dollar per hour | 3.9 | | | D67 |
| + | dose A unit of count defining the number of doses (dose: a definite quantity of a medicine or drug). | 3.9 | | | E27 |
| + | dots per inch A unit of information defining the number of dots per linear inch as a measure of the resolution or sharpness of a graphic image. | 3.6 | dpi | | E39 |
| | dozen A unit of count defining the number of units in multiples of 12. | 3.7 | DOZ | 12 | DZN |
| | dozen pack A unit of count defining the number of packs in multiples of 12 (pack: standard packaging unit). | 3.2 | | | DZP |
| | dozen pair A unit of count defining the number of pairs in multiples of 12 (pair: item described by two's). | 3.2 | | | DPR |

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| | dozen piece A unit of count defining the number of pieces in multiples of 12 (piece: an individual part of a larger whole). | 3.2 | | | DPC |
| | dozen roll A unit of count defining the number of rolls, expressed in twelve roll units. | 3.2 | | | DRL |
| | drachm (UK) | 3.5 | | 3,887 935 g | DRM |
| X | draize score | 3.7 | | | D8 |
| | dram (UK) | 3.5 | | 1,771 745 g | DRI |
| | dram (US) | 3.5 | | 3,887 935 g | DRA |
| X | drum Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | DR |
| | dry barrel (US) | 2 | bbl (US) | $1,156\ 27 \times 10^{-1} \text{ m}^3$ | BLD |
| | dry gallon (US) | 2 | dry gal (US) | $4,404\ 884 \times 10^{-3} \text{ m}^3$ | GLD |
| | dry pint (US) | 2 | dry pt (US) | $5,506\ 105 \times 10^{-4} \text{ m}^3$ | PTD |
| | dry pound A unit of mass defining the number of pounds of a product, disregarding the water content of the product. | 3.1 | | | DB |
| | dry quart (US) | 2 | dry qt (US) | $1,101\ 221 \times 10^{-3} \text{ m}^3$ | QTD |
| | dry ton A unit of mass defining the number of tons of a product, disregarding the water content of the product. | 3.1 | | | DT |
| D | dyne | 2 | dyn | 10^{-5} N | DU |
| D | dyne per centimetre | 2 | dyn/cm | 10^{-3} N/m | DX |
| D | dyne per square centimetre | 3.9 | dyn/cm ² | 10^{-1} Pa | D9 |
| D | dyne second per centimetre | 2 | dyn·s/cm | $10^{-3} \text{ N} \times \text{s/m}$ | A51 |
| D | dyne second per centimetre to the fifth power | 2 | dyn·s/cm ⁵ | $10^5 \text{ Pa} \times \text{s/m}^3$ | A52 |
| D | dyne second per cubic centimetre | 2 | dyn·s/cm ³ | $10 \text{ Pa} \times \text{s/m}$ | A50 |
| | each A unit of count defining the number of items regarded as separate units. | 3.2 | | | EA |
| X | each per month | 3.9 | | | EC |

Annex II (Informative)

Units of Measure: Code elements listed by name

| ST | Name Description | Level/ Category | Representation symbol | Conversion factor to SI | Common code |
|----|--|--------------------|--------------------------|---|----------------|
| X | eight pack | 3.2 | | | P8 |
| | electronic mail box A unit of count defining the number of electronic mail boxes. | 3.9 | | | EB |
| | electronvolt | 1 | eV | $1,602\ 177\ 33 \times 10^{-19}$ J | A53 |
| | electronvolt per metre | 1 | eV/m | $1,602\ 177\ 33 \times 10^{-19}$ J/m | A54 |
| | electronvolt square metre | 1 | eV·m ² | $1,602\ 177\ 33 \times 10^{-19}$ J x m ² | A55 |
| | electronvolt square metre per kilogram | 1 | eV·m ² /kg | $1,602\ 177\ 33 \times 10^{-19}$ J x m ² /kg | A56 |
| X | eleven pack | 3.2 | | | EP |
| X | empty car | 3.5 | | | 1E |
| X | envelope Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.9 | | | EV |
| | equivalent gallon A unit of volume defining the number of gallons of product produced from concentrate. | 3.1 | | | EQ |
| D | erg | 2 | erg | 10^{-7} J | A57 |
| D | erg per centimetre | 2 | erg/cm | 10^{-5} J/m | A58 |
| D | erg per cubic centimetre | 2 | erg/cm ³ | 10^{-1} J/m ³ | A60 |
| D | erg per gram | 2 | erg/g | 10^{-4} J/kg | A61 |
| D | erg per gram second | 2 | erg/g·s | 10^{-4} W/kg | A62 |
| D | erg per second | 2 | erg/s | 10^{-7} W | A63 |
| D | erg per second square centimetre | 2 | erg/(s·cm ²) | 10^{-3} W/m ² | A64 |
| D | erg per square centimetre second | 2 | erg/(cm ² ·s) | 10^{-3} W/m ² | A65 |
| D | erg square centimetre | 2 | erg·cm ² | 10^{-11} J x m ² | A66 |
| D | erg square centimetre per gram | 2 | erg·cm ² /g | 10^{-8} J x m ² /kg | A67 |
| | exajoule | 1S | EJ | 10^{18} J | A68 |
| X | failure rate in time | 3.9 | | | 63 |
| | farad | 1 | F | $\text{kg}^{-1} \times \text{m}^{-2} \times \text{s}^4 \times \text{A}^2$ | FAR |
| | farad per metre | 1 | F/m | $\text{kg}^{-1} \times \text{m}^{-3} \times \text{s}^4 \times \text{A}^2$ | A69 |
| | fathom | 2 | fth | 1,828.8 m | AK |

Annex II (Informative)

Units of Measure: Code elements listed by name

| ST | Name Description | Level/ Category | Representation symbol | Conversion factor to SI | Common code |
|----|---|--------------------|-----------------------|--|----------------|
| | femtojoule | 1S | fJ | 10^{-15} J | A70 |
| | femtometre | 1S | fm | 10^{-15} m | A71 |
| + | fibre metre A unit of length defining the number of metres of individual fibre. | 3.1 | | | FBM |
| X | fibre per cubic centimetre of air | 3.9 | | | F9 |
| X | field | 3.9 | | | FB |
| X | fifteen kg drum | 3.3 | | | 98 |
| X | fifty lb bag | 3.3 | | | 47 |
| X | fifty lb bulk bag | 3.3 | | | 46 |
| X | fiftyfive gallon (US) drum | 3.3 | | | 18 |
| | five pack A unit of count defining the number of five-packs (five-pack: set of five items packaged together). | 3.2 | | | P5 |
| X | fivehundred kg bulk bag | 3.3 | | | 44 |
| | fixed rate A unit of quantity expressed as a predetermined or set rate for usage of a facility or service. | 3.9 | | | 11 |
| | flake ton A unit of mass defining the number of tons of a flaked substance (flake: a small flattish fragment). | 3.1 | | | FL |
| | fluid ounce (UK) | 2 | fl oz (UK) | $2,841\ 306 \times 10^{-5}$ m ³ | OZI |
| | fluid ounce (US) | 2 | fl oz (US) | $2,957\ 353 \times 10^{-5}$ m ³ | OZA |
| | foot | 2 | ft | 0,304 8 m | FOT |
| | foot per minute | 2 | ft/min | $5,08 \times 10^{-3}$ m/s | FR |
| | foot per second | 2 | ft/s | 0,304 8 m/s | FS |
| | foot per second squared | 2 | ft/s ² | $0,304\ 8$ m/s ² | A73 |
| + | foot per thousand A unit of count defining the number of feet per thousand units. | 3.1 | | $3,048$ m ⁻¹ /1000 | E33 |
| | foot pound-force | 2 | ft·lbf | 1,355 818 J | 85 |
| | foot pound-force per second | 2 | ft·lbf/s | 1,355 818 W | A74 |
| | foot squared per second | 2 | ft ² /s | 0,092 903 04 m ² /s | S3 |

Annex II (Informative)

Units of Measure: Code elements listed by name

| ST | Name Description | Level/ Category | Representation symbol | Conversion factor to SI | Common code |
|----|---|--------------------|-----------------------|--|----------------|
| | forty foot container A unit of count defining the number of shipping containers that measure 40 feet in length. | 3.4 | | | 21 |
| X | four pack | 3.2 | | | P4 |
| | freight ton A unit of information typically used for billing purposes, defined as either the number of metric tons or the number of cubic metres, whichever is the larger. | 3.4 | | | A75 |
| X | fuel usage gallon (US) | 3.5 | | | 1G |
| X | gage system | 3.9 | | | GZ |
| | gal | 1S | Gal | $10^{-2} \text{ m}^3/\text{s}^2$ | A76 |
| | gallon (UK) | 2 | gal (UK) | $4,546\,092 \times 10^{-3} \text{ m}^3$ | GLI |
| | gallon (US) | 2 | gal (US) | $3,785\,412 \times 10^{-3} \text{ m}^3$ | GLL |
| | gallon (US) per day | 3.5 | gal (US/d) | $4,381\,264 \times 10^{-8} \text{ m}^3/\text{s}$ | GB |
| X | gallon per thousand cubic feet | 3.5 | | | GW |
| X | gallon(US) per thousand | 3.9 | | | 5C |
| D | gauss | 3.5 | Gs | 10^{-4} T | 76 |
| D | Gaussian CGS unit of displacement | 3.5 | | | A77 |
| D | Gaussian CGS unit of electric current | 3.5 | | | A78 |
| D | Gaussian CGS unit of electric charge | 3.5 | | | A79 |
| D | Gaussian CGS unit of electric field strength | 3.5 | | | A80 |
| D | Gaussian CGS unit of electric polarization | 3.5 | | | A81 |
| D | Gaussian CGS unit of electric potential | 3.5 | | | A82 |
| D | Gaussian CGS unit of magnetization | 3.5 | | | A83 |
| + | gibibit A unit of information equal to 2^{30} bits (binary digits). | 3.6 | Gibit | | B30 |
| | gigabecquerel | 1M | GBq | 10^9 Bq | GBQ |
| + | gigabit A unit of information equal to 10^9 bits (binary digits). | 3.6 | Gbit | | B68 |
| + | gigabit per second | 3.6 | Gbit/s | | B80 |

Annex II (Informative)

Units of Measure: Code elements listed by name

| ST | Name Description | Level/ Category | Representation symbol | Conversion factor to SI | Common code |
|----|---|--------------------|-----------------------|------------------------------------|----------------|
| | A unit of information equal to 10 ⁹ bits (binary digits) per second. | | | | |
| + | gigabyte A unit of information equal to 10 ⁹ bytes. | 3.6 | GB | | E34 |
| D | gigacalorie A unit of heat energy equal to one thousand million calories. | 3.5 | | 10 ⁹ cal | E11 |
| | gigacoulomb per cubic metre | 1S | GC/m ³ | 10 ⁹ C/m ³ | A84 |
| | gigaelectronvolt | 1S | GeV | 10 ⁹ eV | A85 |
| | gigahertz | 1S | GHz | 10 ⁹ Hz | A86 |
| | gigajoule | 1S | GJ | 10 ⁹ J | GV |
| | gigaohm | 1S | GΩ | 10 ⁹ Ω | A87 |
| | gigaohm metre | 1S | GΩ·m | 10 ⁹ Ω x m | A88 |
| | gigapascal | 1S | GPa | 10 ⁹ Pa | A89 |
| | gigawatt | 1S | GW | 10 ⁹ W | A90 |
| | gigawatt hour | 1S | GW·h | 10 ⁹ W x h | GWH |
| | gill (UK) | 3.5 | | 0,142 065 dm ³ | GII |
| | gill (US) | 3.5 | | 11,829 4 cm ³ | GIA |
| | gon | 2 | gon | 1,570 796 x 10 ⁻² rad | A91 |
| D | grade | 2 | | = gon | A91 |
| | grain | 2 | gr | 64,798 91 x 10 ⁻⁶ kg | GRN |
| | gram | 1S | g | 10 ⁻³ kg | GRM |
| | gram of fissile isotope A unit of mass defining the number of grams of a fissile isotope (fissile isotope: an isotope whose nucleus is able to be split when irradiated with low energy neutrons). | 3.1 | gi F/S | | GFI |
| X | gram per 100 gram | 3.7 | | | GC |
| | gram per cubic centimetre | 1S | g/cm ³ | 10 ³ kg/m ³ | 23 |
| | gram per cubic metre | 1M | g/m ³ | 10 ⁻³ kg/m ³ | A93 |
| X | gram per kilogram | 3.7 | | | GK |
| | gram per litre | 1S | g/l | kg/m ³ | GL |

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Units of Measure: Code elements listed by name

| ST | Name Description | Level/ Category | Representation symbol | Conversion factor to SI | Common code |
|----|---|--------------------|-----------------------|------------------------------------|----------------|
| | gram per metre (gram per 100 centimetres) | 1M | g/m | 10 ⁻³ kg/m | GF |
| | gram per millilitre | 1S | g/ml | 10 ³ kg/m ³ | GJ |
| | gram per mole | 1S | g/mol | 10 ⁻³ kg/mol | A94 |
| | gram per square centimetre | 1M | g/cm ² | 10 kg/m ² | 25 |
| | gram per square metre | 1M | g/m ² | 10 ⁻³ kg/m ² | GM |
| + | gram, dry weight A unit of mass defining the number of grams of a product, disregarding the water content of the product. | 3.1 | | | GDW |
| + | gram, including container A unit of mass defining the number of grams of a product, including its container. | 3.1 | | | GIC |
| + | gram, including inner packaging A unit of mass defining the number of grams of a product, including its inner packaging materials. | 3.1 | | | GIP |
| | gray | 1 | Gy | m ² /s ² | A95 |
| | gray per second | 1 | Gy/s | m ² /s ³ | A96 |
| | great gross A unit of count defining the number of units in multiples of 1728 (12 x 12 x 12). | 3.7 | | 1728 | GGR |
| | gross A unit of count defining the number of units in multiples of 144 (12 x 12). | 3.7 | gr | 144 | GRO |
| X | gross barrel | 3.1 | | | GD |
| X | gross gallon | 3.1 | | | GN |
| | gross kilogram A unit of mass defining the total number of kilograms before deductions. | 3.1 | | | E4 |
| D | gross register ton A unit of mass equal to the total cubic footage before deductions, where 1 register ton is equal to 100 cubic feet. Refer International Convention on tonnage measurement of ships. | 3.4 | | | GRT |
| | gross ton A unit of mass equal to 2440 pounds, see ton (UK). Refer International Convention on Tonnage measurement of Ships. | 3.1 | | | GT |
| | gross ton A unit of mass equal to 2440 pounds, see ton (UK). Refer International Convention on Tonnage measurement of Ships. | 3.4 | | | GT |

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Units of Measure: Code elements listed by name

| ST | Name Description | Level/ Category | Representation symbol | Conversion factor to SI | Common code |
|----|---|--------------------|-----------------------|--------------------------------|----------------|
| X | gross yard | 3.1 | | | GY |
| | group A unit of count defining the number of groups (group: set of items classified together). | 3.9 | | | 10 |
| X | half dozen | 3.7 | | 6 | HD |
| X | half gallon (US) | 3.8 | | | GH |
| X | half hour | 3.8 | | | HT |
| X | half litre | 3.8 | | | H2 |
| X | half page – electronic | 3.9 | | | H1 |
| X | half pint (US) | 3.8 | | | PV |
| | half year (6 months) A unit of time defining the number of half years (6 months). | 3.8 | | | SAN |
| | hank A unit of length, typically for yarn. | 3.9 | | | HA |
| X | heat lot | 3.9 | | | 08 |
| | hectare | 1S | ha | 10 ⁴ m ² | HAR |
| | hectobar | 1M | hbar | 10 ⁷ Pa | HBA |
| | hectogram | 1M | hg | 10 ² g | HGM |
| | hectolitre | 1S | hl | 0,1 m ³ | HLT |
| | hectolitre of pure alcohol A unit of volume equal to one hundred litres of pure alcohol. | 3.1 | | | HPA |
| | hectometre | 1M | hm | 10 ² m | HMT |
| | hectopascal | 1S | hPa | 10 ² Pa | A97 |
| | henry | 1 | H | H | 81 |
| | henry per metre | 1 | H/m | H/m | A98 |
| | hertz | 1 | Hz | Hz | HTZ |
| X | hogshead Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | Z4 |
| X | horse power day per air dry metric ton | 3.5 | | | 30 |
| | hour | 1 | h | 3 600 s | HUR |

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Units of Measure: Code elements listed by name

| ST | Name Description | Level/ Category | Representation symbol | Conversion factor to SI | Common code |
|----|--|--------------------|-----------------------|-------------------------|----------------|
| | hundred A unit of count defining the number of units in multiples of 100. | 3.7 | | 100 | CEN |
| | hundred board feet A unit of volume equal to one hundred board feet. | 3.5 | | | BP |
| | hundred boxes A unit of count defining the number of boxes in multiples of one hundred box units. | 3.2 | | | HBX |
| | hundred count A unit of count defining the number of units counted in multiples of 100. | 3.7 | | | HC |
| X | hundred cubic feet | 3.8 | | | HH |
| | hundred cubic metre A unit of volume equal to one hundred cubic metres. | 3.8 | | | FF |
| X | hundred feet | 3.8 | | | HF |
| X | hundred feet (linear) | 3.8 | | | HL |
| X | hundred fifteen kg drum | 3.3 | | | 16 |
| | hundred international unit A unit of count defining the number of international units in multiples of 100. | 3.7 | | | HIU |
| X | hundred kilogram | 3.8 | | | HK |
| + | hundred kilogram, dry weight A unit of mass defining the number of hundred kilograms of a product, disregarding the water content of the product. | 3.1 | | | HDW |
| + | hundred kilogram, net mass A unit of mass defining the number of hundred kilograms of a product, after deductions. | 3.1 | | | HKM |
| X | hundred lb drum | 3.3 | | | 17 |
| | hundred leave A unit of count defining the number of leaves, expressed in units of one hundred leaves. | 3.8 | | | CLF |
| X | hundred linear yard | 3.8 | | | YL |
| + | hundred metre A unit of count defining the number of 100 metre lengths. | 3.1 | | | JPS |
| | hundred pack A unit of count defining the number of hundred-packs (hundred-pack: set of one hundred items packaged together). | 3.8 | | | CNP |
| | hundred pack | 3.2 | | | CNP |

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Units of Measure: Code elements listed by name

| ST | Name Description | Level/ Category | Representation symbol | Conversion factor to SI | Common code |
|----|--|--------------------|-----------------------|---|----------------|
| | A unit of count defining the number of hundred-packs (hundred-pack: set of one hundred items packaged together). | | | | |
| # | hundred pounds (cwt) / hundred weight (US) | 2 | cwt (US) | 45,359 2 kg | CWA |
| X | hundred sheet | 3.8 | | | HI |
| X | hundred square feet | 3.8 | | | HS |
| X | hundred troy ounce | 3.8 | | | HO |
| | hundred weight (UK) | 2 | cwt (UK) | 50,802 35 kg | CWI |
| X | hundred yard | 3.8 | | | HY |
| X | hundredth of a carat | 3.5 | | | HE |
| | hydraulic horse power | 2 | | 7,460 43 x 10 ² W | 5J |
| | Imperial gallon per minute | 2 | gal (UK) /min | 7,576 82 x 10 ⁻⁵ m ³ /s | G3 |
| X | impression | 3.9 | | | IM |
| | inch | 2 | in | 25,4 x 10 ⁻³ m | INH |
| | inch cubed | 2 | in ³ | 16,387 064 x 10 ⁻⁶ m ³ | INQ |
| + | inch per linear foot A unit of length defining the number of inches per linear foot. | 3.1 | | | B82 |
| X | inch per minute | 3.5 | | | IL |
| # | inch per second | 2 | in/s | 0,025 4 m/s | IU |
| X | inch per second (vibration) | 2 | in/s | | IU |
| # | inch per second squared | 2 | in/s ² | 0,025 4 m/s ² | IV |
| X | inch per second squared (acceleration) | 2 | in/s ² | 0,025 4 m/s ² | IV |
| | inch pound (pound inch) | 2 | in·lb | 0,112 985 J | IA |
| | inch to the fourth power | 2 | in ⁴ | 41,623 14 x 10 ⁻⁸ m ⁴ | D69 |
| D | inches of water A unit of pressure defining the number of inches in a water column. | 3.1 | | | IF |
| X | insurance policy | 3.9 | | | IP |
| + | international sugar degree A unit of measure defining the sugar content of a solution, expressed in degrees. | 3.5 | | | ISD |
| D | International Table (IT) calorie | 2 | calIT | 4,186 8 J | D70 |

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Units of Measure: Code elements listed by name

| ST | Name Description | Level/ Category | Representation symbol | Conversion factor to SI | Common code |
|----|--|--------------------|------------------------------|--|----------------|
| D | International Table (IT) calorie per gram kelvin | 2 | calIT/(g·K) | 4 186,8 J/(kg x K) | D76 |
| D | International Table (IT) calorie per second centimetre kelvin | 2 | calIT/(s·cm·K) | 418,68 W/(m x K) | D71 |
| D | International Table (IT) calorie per second square centimetre kelvin | 2 | calIT/(s·cm ² ·K) | 4,186 8 x 10 ⁴ W/(m ² x K) | D72 |
| D | International Table (IT)calorie per gram | 2 | calIT/g | 4 186,8 J/kg | D75 |
| X | jar Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | JR |
| X | joint | 3.9 | | | JO |
| | joule | 1 | J | J | JOU |
| | joule per cubic metre | 1 | J/m ³ | J/m ³ | B8 |
| | joule per gram | 1S | J/g | J/(10 ⁻³ x kg) | D95 |
| | joule per kelvin | 1 | J/K | J/K | JE |
| | joule per kilogram | 1 | J/kg | J/kg | J2 |
| | joule per kilogram kelvin | 1 | J/(kg·K) | J/(kg x K) | B11 |
| | joule per metre | 1 | J/m | J/m | B12 |
| | joule per metre squared | 1 | J/m ² | J/m ² | B13 |
| | joule per metre to the fourth power | 1 | J/m ⁴ | J/m ⁴ | B14 |
| | joule per mole | 1 | J/mol | J/mol | B15 |
| | joule per mole kelvin | 1 | J/(mol·K) | J/(mol x K) | B16 |
| + | joule per square centimetre A unit of energy defining the number of joules per square centimetre. | 3.5 | J/cm ² | 10 ⁴ J/m ² | E43 |
| | joule per square metre | 1 | J/m ² | J/m ² | B13 |
| | joule second | 1 | J·s | J x s | B18 |
| | joule square metre | 1 | J·m ² | J x m ² | D73 |
| | joule square metre per kilogram | 1 | J·m ² /kg | J x m ² /kg | B20 |
| X | jug Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | JG |
| X | jumbo | 3.4 | | | JB |
| X | keg Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | KG |

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Units of Measure: Code elements listed by name

| ST | Name Description | Level/ Category | Representation symbol | Conversion factor to SI | Common code |
|----|--|--------------------|-----------------------|----------------------------------|----------------|
| | kelvin | 1 | K | °C | KEL |
| | kelvin per watt | 1 | K/W | °C/W | B21 |
| + | kibibit A unit of information equal to 2 ¹⁰ (1024) bits (binary digits). | 3.6 | Kibit | | C21 |
| | kiloampere | 1S | kA | 10 ³ A | B22 |
| | kiloampere hour (thousand ampere hour) | 1M | kA·h | 10 ³ A x h | TAH |
| | kiloampere per metre | 1S | kA/m | kA/m | B24 |
| | kiloampere per square metre | 1S | kA/m ² | 10 ³ A/m ² | B23 |
| | kilobar | 1M | kbar | 10 ⁸ Pa | KBA |
| | kilobecquerel | 1S | kBq | 10 ³ Bq | 2Q |
| | kilobecquerel per kilogram | 1S | kBq/kg | 10 ³ Bq/kg | B25 |
| + | kilobit A unit of information equal to 10 ³ (1000) bits (binary digits). | 3.6 | kbit | | C37 |
| + | kilobit per second A unit of information equal to 10 ³ (1000) bits (binary digits) per second. | 3.6 | kbit/s | | C74 |
| | kilobyte A unit of information equal to 10 ³ (1000) bytes. | 3.6 | kB | 10 ³ bytes | 2P |
| + | kilocalorie (IT) A unit of heat energy equal to one thousand calories. | 3.5 | | 4 186,8 J | E14 |
| + | kilocalorie (TH) per hour A unit of energy equal to one thousand calories per hour. | 3.5 | | | E15 |
| | kilocharacter A unit of information equal to 10 ³ (1000) characters. | 3.9 | | | KB |
| | kilocoulomb | 1S | kC | 10 ³ C | B26 |
| | kilocoulomb per cubic metre | 1S | kC/m ³ | 10 ³ C/m ³ | B27 |
| | kilocoulomb per square metre | 1S | kC/m ² | 10 ³ C/m ² | B28 |
| | kilocurie | 2S | kCi | 10 ³ Ci | 2R |
| | kiloelectronvolt | 1S | keV | 10 ³ eV | B29 |
| D | kilogauss | 3.5 | kGs | 10 ³ Hs | 78 |

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Units of Measure: Code elements listed by name

| ST | Name Description | Level/ Category | Representation symbol | Conversion factor to SI | Common code |
|----|--|--------------------|--|-------------------------------|----------------|
| | kilogram A unit of mass equal to one thousand grams. | 1 | kg | kg | KGM |
| X | kilogram decimal | 3.9 | | | KD |
| + | kilogram drained net weight A unit of mass defining the net number of kilograms of a product, disregarding the liquid content of the product. | 3.1 | kg/net eda | | KDW |
| + | kilogram force per square centimetre A unit of pressure defining the number of kilograms force per square centimetre. | 3.5 | kgf/cm ² | 9,806 65 x 10 ⁴ Pa | E42 |
| + | kilogram force per square millimetre A unit of pressure defining the number of kilograms force per square millimetre. | 3.5 | kgf/mm ² | 9,806 65 x 10 ⁶ Pa | E41 |
| | kilogram metre per second | 1 | kg·m/s | kg x m/s | B31 |
| | kilogram metre squared | 1 | kg·m ² | kg x m ² | B32 |
| | kilogram metre squared per second | 1 | kg·m ² /s | kg x m ² /s | B33 |
| | kilogram named substance A unit of mass equal to one kilogram of a named substance. | 3.1 | | | KNS |
| + | kilogram of choline chloride A unit of mass equal to one thousand grams of choline chloride. | 3.1 | kg C ₅ H ₁₄ ClNO | | KCC |
| + | kilogram of hydrogen peroxide A unit of mass equal to one thousand grams of hydrogen peroxide. | 3.1 | kg H ₂ O ₂ | | KHY |
| + | kilogram of imported meat, less offal A unit of mass equal to one thousand grams of imported meat, disregarding less valuable by-products such as the entrails. | 3.5 | | | TMS |
| + | kilogram of methylamine A unit of mass equal to one thousand grams of methylamine. | 3.1 | kg met.am. | | KMA |
| | kilogram of nitrogen A unit of mass equal to one thousand grams of nitrogen. | 3.1 | kg N | | KNI |
| | kilogram of phosphorus pentoxide (phosphoric anhydride) A unit of mass equal to one thousand grams of phosphorus pentoxide phosphoric anhydride. | 3.1 | | | KPP |
| | kilogram of potassium hydroxide (caustic potash) A unit of mass equal to one thousand grams of potassium hydroxide (caustic potash). | 3.1 | kg KOH | | KPH |
| | kilogram of potassium oxide A unit of mass equal to one thousand grams of potassium oxide. | 3.1 | kg K ₂ O | | KPO |
| | kilogram of sodium hydroxide (caustic soda) | 3.1 | kg NaOH | | KSH |

Annex II (Informative)
Units of Measure: Code elements listed by name

| ST | Name Description | Level/ Category | Representation symbol | Conversion factor to SI | Common code |
|----|---|--------------------|-----------------------|-----------------------------------|----------------|
| | A unit of mass equal to one thousand grams of sodium hydroxide (caustic soda). | | | | |
| | kilogram of substance 90 % dry A unit of mass equal to one thousand grams of a named substance that is 90% dry. | 3.1 | kg 90 % sdt | | KSD |
| + | kilogram of tungsten trioxide A unit of mass equal to one thousand grams of tungsten trioxide. | 3.1 | kg WO ₃ | | KWO |
| | kilogram of uranium A unit of mass equal to one thousand grams of uranium. | 3.1 | kg U | | KUR |
| X | kilogram per air dry metric ton | 3.5 | | | 32 |
| | kilogram per cubic decimetre | 1S | kg/dm ³ | 10 ³ kg/m ³ | B34 |
| | kilogram per cubic metre A unit of weight expressed in kilograms of a substance that fills a volume of one cubic metre. | 1 | kg/m ³ | kg/m ³ | KMQ |
| X | kilogram per kilogram of product | 3.9 | | | 3H |
| | kilogram per litre | 1S | kg/l or kg/L | 10 ³ kg/m ³ | B35 |
| X | kilogram per litre of product | 3.9 | | | B35 |
| | kilogram per metre | 1 | kg/m | kg/m | KL |
| | kilogram per millimetre width | 3.1 | | kg/10 ⁻³ m | KI |
| | kilogram per mole | 1 | kg/mol | kg/mol | D74 |
| X | kilogram per piece of product | 3.9 | | | 3I |
| | kilogram per second | 1 | kg/s | kg/s | KGS |
| | kilogram per square centimetre | 2 | kg/cm ² | 10 ⁴ kg/m ² | D5 |
| | kilogram per square metre | 1M | kg/m ² | kg/m ² | 28 |
| + | kilogram, dry weight A unit of mass defining the number of kilograms of a product, disregarding the water content of the product. | 3.1 | | | MND |
| + | kilogram, including container A unit of mass defining the number of kilograms of a product, including its container. | 3.1 | | | KIC |
| + | kilogram, including inner packaging A unit of mass defining the number of kilograms of a product, including its inner packaging materials. | 3.1 | | | KIP |
| D | kilogram-force | 2 | kgf | 9,80665 N | B37 |
| D | kilogram-force metre | 2 | kgf·m | 9,80665 N x m | B38 |

Annex II (Informative)

Units of Measure: Code elements listed by name

| ST | Name Description | Level/ Category | Representation symbol | Conversion factor to SI | Common code |
|----|--|--------------------|-----------------------|---|----------------|
| D | kilogram-force metre per second | 2 | kgf·m/s | 9,806 65 W | B39 |
| + | kilogram-force metre per square centimetre A unit of energy defining the number of kilogram-force metres per square centimetre. | 3.5 | kgf·m/cm ² | | E44 |
| D | kilogram-force per square metre | 2 | kgf/m ² | 9,806 65 Pa | B40 |
| | kilograms per millimetre | 1M | kg/mm | 10 ³ kg/m | KW |
| | kilohertz | 1S | kHz | 10 ³ Hz | KHZ |
| | kilojoule | 1S | kJ | 10 ³ J | KJO |
| | kilojoule per kelvin | 1S | kJ/K | 10 ³ J/K | B41 |
| | kilojoule per kilogram | 1S | kJ/kg | 10 ³ J/kg | B42 |
| | kilojoule per kilogram kelvin | 1S | kJ/(kg·K) | 10 ³ J/(kg x K) | B43 |
| | kilojoule per mole | 1S | kJ/mol | 10 ³ J/mol | B44 |
| | kilolitre | 1M | kl | m ³ | K6 |
| | kilolitre per hour | 1M | kl/h | 2,777 78 x 10 ⁻⁴ m ³ /s | 4X |
| + | kilometre | 1S | km | 10 ³ m | KMT |
| X | kilometre | 1S | km | 10 ³ m | KTM |
| | kilometre per hour | 1S | km/h | 0,277 778 m/s | KMH |
| | kilomole | 1S | kmol | 10 ³ mol | B45 |
| | kilomole per cubic metre | 1S | kmol/m ³ | 10 ³ mol/m ³ | B46 |
| | kilonewton | 1S | kN | 10 ³ N | B47 |
| | kilonewton metre | 1S | kN·m | 10 ³ N x m | B48 |
| | kiloohm | 1S | kΩ | 10 ³ Ω | B49 |
| | kiloohm metre | 1S | kΩ·m | 10 ³ Ω x m | B50 |
| X | kilopacket | 3.9 | | | KF |
| | kilopascal | 1S | kPa | 10 ³ Pa | KPA |
| | kilopascal square metres per gram | 1M | kPa·m ² /g | 10 ⁶ m/s ² | 33 |
| | kilopascals per millimetre | 1M | kPa/mm | 10 ⁶ Kg/(m ² x s ²) | 34 |
| D | kilopond | 2 | kp | 9,80665 N | B51 |

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Units of Measure: Code elements listed by name

| ST | Name Description | Level/ Category | Representation symbol | Conversion factor to SI | Common code |
|----|--|--------------------|-----------------------|---|----------------|
| | kilopound per square inch A unit of pressure defining the number of kilopounds force per square inch. | 3.5 | klb/in ² | 7,030 696 x 10 ⁵ kg/m ² | 84 |
| # | kiloroentgen | 2 | kR | 0,258 C/kg | KR |
| | kilosecond | 1S | ks | 10 ³ s | B52 |
| | kilosegment A unit of information equal to 10 ³ (1000) segments. | 3.6 | | 64,000 bytes | KJ |
| | kilosiemens | 1S | kS | 10 ³ S | B53 |
| | kilosiemens per metre | 1S | kS/m | 10 ³ S/m | B54 |
| | kilotonne | 1M | kt | 10 ⁶ kg | KTN |
| | kilovar | 1S | kvar | 10 ³ var | KVR |
| | kilovolt | 1S | kV | 10 ³ V | KVT |
| | kilovolt - ampere | 1S | kV·A | 10 ³ V x A | KVA |
| | kilovolt ampere (reactive) | 1S | kV·A | 10 ³ V x A | K5 |
| + | kilovolt ampere hour A unit of accumulated energy of 1000 volt amperes over a period of one hour. | 3.1 | kVAh | | C79 |
| | kilovolt ampere reactive demand A unit of measure defining the reactive power demand equal to one kilovolt ampere of reactive power. | 3.5 | | | K2 |
| | kilovolt ampere reactive hour A unit of measure defining the accumulated reactive energy equal to one kilovolt ampere of reactive power per hour. | 3.5 | | | K3 |
| | kilovolt per metre | 1S | kV/m | 10 ³ V/m | B55 |
| | kilowatt | 1S | kW | 10 ³ W | KWT |
| | kilowatt demand A unit of measure defining the power load measured at predetermined intervals. | 3.5 | | | K1 |
| | kilowatt hour | 1S | kW·h | 10 ³ W x h | KWH |
| + | kilowatt hour per hour A unit of accumulated energy of a thousand watts over a period of one hour. | 3.1 | kW·h/h | | D03 |
| | kiloweber per metre | 1S | kWb/m | 10 ³ V x s/m | B56 |
| | kit A unit of count defining the number of kits (kit: tub, barrel or pail). | 3.2 | | | KT |

Annex II (Informative)

Units of Measure: Code elements listed by name

| ST | Name Description | Level/ Category | Representation symbol | Conversion factor to SI | Common code |
|----|--|--------------------|-----------------------|-------------------------------|----------------|
| | knot | 1 | kn | 0,514 444 m/s | KNT |
| | labour hour A unit of time defining the number of labour hours. | 3.1 | | | LH |
| + | lactic dry material percentage A unit of proportion defining the percentage of dry lactic material in a product. | 3.5 | | | KLK |
| + | lactose excess percentage A unit of proportion defining the percentage of lactose in a product that exceeds a defined percentage level. | 3.5 | | | LAC |
| X | large spray | 3.9 | | | LJ |
| | layer A unit of count defining the number of layers. | 3.9 | | | LR |
| | leaf A unit of count defining the number of leaves. | 3.5 | | | LEF |
| | length A unit of distance defining the linear extent of an item measured from end to end. | 3.9 | | | LN |
| X | lift | 3.9 | | | 05 |
| X | lift van | 3.4 | | | Z1 |
| | light year | 2 | l.y. | 9,460 53 x 10 ¹⁵ m | B57 |
| X | linear centimetre | 3.1 | | | LC |
| | linear foot A unit of count defining the number of feet (12-inch) in length of a uniform width object. | 3.1 | | | LF |
| X | linear inch | 3.1 | | | LI |
| | linear metre A unit of count defining the number of metres in length of a uniform width object. | 3.1 | | | LM |
| | linear yard A unit of count defining the number of 36-inch units in length of a uniform width object. | 3.1 | | | LY |
| X | linear yard per pound | 3.1 | | | LX |
| | link A unit of distance equal to 0.01 chain. | 3.9 | | | LK |
| | liquid pint (US) | 2 | liq pt (US) | 0,473 176 5 dm ³ | PTL |
| | liquid pound A unit of mass defining the number of pounds of a liquid substance. | 3.1 | | | LP |

Annex II (Informative)

Units of Measure: Code elements listed by name

| ST | Name Description | Level/ Category | Representation symbol | Conversion factor to SI | Common code |
|----|---|--------------------|-----------------------|---|----------------|
| | liquid quart (US) | 2 | liq qt (US) | 0,946 353 dm ³ | QTL |
| X | lite | 3.9 | | | LE |
| | litre | 1 | l | 10 ⁻³ m ³ | LTR |
| | litre of pure alcohol A unit of volume equal to one litre of pure alcohol. | 3.1 | | | LPA |
| | litre per day | 1M | l/d | 1,157 41 x 10 ⁻⁸ m ³ /s | LD |
| + | litre per hour A unit of count defining the number of litres per hour. | 3.1 | l/h | 2,777 78 x 10 ⁻⁷ m ³ /s | E32 |
| | litre per minute | 1M | l/min | 1,666 67 x 10 ⁻⁵ m ³ /s | L2 |
| | litre per mole | 1M | l/mol | 10 ⁻³ m ³ /mol | B58 |
| | load A unit of volume defining the number of loads (load: a quantity of items carried or processed at one time). | 3.4 | | | NL |
| X | locomotive count | 3.5 | | | 1C |
| X | locomotive mile | 3.5 | | | 1K |
| # | lot [unit of procurement] A unit of count defining the number of lots (lot: a collection of associated items). | 3.9 | | | LO |
| + | lot [unit of weight] A unit of weight equal to about 1/2 ounce or 15 grams. | 3.2 | | | D04 |
| X | lug | 3.9 | | | Z5 |
| | lumen | 1 | lm | 7,957 75 x 10 ⁻² cd | LUM |
| | lumen hour | 1S | lm·h | 2,864 79 x 10 ⁻² s x cd | B59 |
| | lumen per square metre | 1 | lm/m ² | 7,957 75 x 10 ⁻² cd/m ² | B60 |
| | lumen per watt | 1 | lm/W | 7,957 75 x 10 ⁻² cd/W | B61 |
| | lumen second | 1 | lm·s | 7,957 75 x 10 ⁻² s x cd | B62 |
| | lump sum A unit of count defining the number of whole or a complete monetary amounts. | 3.9 | | | LS |
| | lux | 1 | lx | 7,957 75 x 10 ⁻² cd/m ² | LUX |
| | lux hour | 1S | lx·h | 2,864 79 x 10 ⁻² s x cd/m ² | B63 |
| | lux second | 1 | lx·s | 7,957 75 x 10 ⁻² s x cd/m ² | B64 |

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Units of Measure: Code elements listed by name

| ST | Name Description | Level/ Category | Representation symbol | Conversion factor to SI | Common code |
|----|--|--------------------|-----------------------|-------------------------|----------------|
| X | machine per unit | 3.9 | | | MA |
| X | magnetic tape | 3.6 | | | M0 |
| | manmonth A unit of count defining the number of months for a person or persons to perform an undertaking. | 3.9 | | | 3C |
| X | mass pound | 3.1 | | | D98 |
| X | mat Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | MT |
| D | maxwell | 3.5 | Mx | 10^{-8} Wb | B65 |
| | meal A unit of count defining the number of meals (meal: an amount of food to be eaten on a single occasion). | 3.9 | | | Q3 |
| + | mebibit A unit of information equal to 2^{20} (1048576) bits (binary digits). | 3.6 | Mibit | | D11 |
| | mega litre | 1M | MI | 10^3 m ³ | MAL |
| | megaampere per square metre | 1S | MA/m ² | 10^6 A/m ² | B66 |
| | megabecquerel | 1S | MBq | 10^6 Bq | 4N |
| | megabecquerel per kilogram | 1S | MBq/kg | 10^6 Bq/kg | B67 |
| + | megabit A unit of information equal to 10^6 (1000000) bits (binary digits). | 3.6 | Mbit | | D36 |
| + | megabit per second A unit of information equal to 10^6 (1000000) bits (binary digits) per second. | 3.6 | Mbit/s | | E20 |
| | megabyte A unit of information equal to 10^6 (1000000) bytes. | 3.6 | MB | 10^6 bytes | 4L |
| | megacoulomb | 1S | MC | 10^6 C | D77 |
| | megacoulomb per cubic metre | 1S | MC/m ³ | 10^6 C/m ³ | B69 |
| | megacoulomb per square metre | 1S | MC/m ² | 10^6 C/m ² | B70 |
| | megaelectronvolt | 1S | MeV | 10^6 eV | B71 |
| | megagram | 1S | Mg | 10^3 kg | 2U |

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Units of Measure: Code elements listed by name

| ST | Name Description | Level/ Category | Representation symbol | Conversion factor to SI | Common code |
|----|--|--------------------|-----------------------|-----------------------------------|----------------|
| | megagram per cubic metre | 1S | Mg/m ³ | 10 ³ kg/m ³ | B72 |
| X | megagram per hour | 3.8 | Mg/h | | 2V |
| | megahertz | 1S | MHz | 10 ⁶ Hz | MHZ |
| | megajoule | 1S | MJ | 10 ⁶ J | 3B |
| | megajoule per cubic metre | 1M | MJ/m ³ | 10 ⁶ J/m ³ | JM |
| | megajoule per kilogram | 1S | MJ/kg | 10 ⁶ J/kg | JK |
| + | megajoule per second A unit of accumulated energy equal to one million joules per second. | 3.1 | MJ/s | | D78 |
| | megametre | 3.8 | Mm | 10 ⁶ m | MAM |
| | meganeutron | 1S | MN | 10 ⁶ N | B73 |
| | meganeutron metre | 1S | MN·m | 10 ⁶ N x m | B74 |
| | megaohm | 1S | MΩ | 10 ⁶ Ω | B75 |
| | megaohm metre | 1S | MΩ·m | 10 ⁶ Ω x m | B76 |
| | megapascal | 1S | MPa | 10 ⁶ Pa | MPA |
| + | megapixel A unit of count equal to 10 ⁶ (1000000) pixels (picture elements). | 3.6 | | | E38 |
| | megasiemens per metre | 1S | MS/m | 10 ⁶ S/m | B77 |
| | megavolt | 1S | MV | 10 ⁶ V | B78 |
| | megavolt - ampere | 1S | MV·A | 10 ⁶ V x A | MVA |
| + | megavolt ampere reactive A unit of electrical reactive power represented by a current of one thousand amperes flowing due a potential difference of one thousand volts where the sine of the phase angle between them is 1. | 3.1 | MV·A·r | | MAR |
| + | megavolt ampere reactive hours A unit of electrical reactive power defining the total amount of reactive power across a power system. | 3.1 | MV·A·r·h | | MAH |
| | megavolt per metre | 1S | MV/m | 10 ⁶ V/m | B79 |
| | megawatt A unit of power defining the rate of energy transferred or consumed when a current of 1000 amperes flows due to a potential of 1000 volts at unity power factor. | 1S | MW | 10 ⁶ W | MAW |

Annex II (Informative)
Units of Measure: Code elements listed by name

| ST | Name Description | Level/ Category | Representation symbol | Conversion factor to SI | Common code |
|----|--|--------------------|-----------------------|-------------------------|----------------|
| | megawatt hour (1000 kW.h) A unit of power defining the total amount of bulk energy transferred or consumed. | 1S | MW·h | 10 ⁶ W x h | MWH |
| + | megawatt hour per hour A unit of accumulated energy of a million watts over a period of one hour. | 3.1 | MW·h/h | | E07 |
| + | megawatt per hertz A unit of energy expressed as the load change in million watts that will cause a frequency shift of one hertz. | 3.1 | MW/Hz | | E08 |
| | mesh A unit of count defining the number of strands per inch as a measure of the fineness of a woven product. | 3.9 | | | 57 |
| | message A unit of count defining the number of messages. | 3.9 | | | NF |
| X | message hour | 3.5 | | | NH |
| | metre | 1 | m | m | MTR |
| | metre cubed | 1 | m ³ | m ³ | MTQ |
| | metre kelvin | 1 | m·K | m x K | D18 |
| | metre per minute | 1M | m/min | 0,016 666 m/s | 2X |
| | metre per second | 1 | m/s | m/s | MTS |
| | metre per second squared | 1 | m/s ² | m/s ² | MSK |
| | metre squared per second (square metres/second US) | 1 | m ² /s | m ² /s | S4 |
| | metre to the fourth power | 1 | m ⁴ | m ⁴ | B83 |
| | metric carat | 3.5 | | 200 mg | CTM |
| D | metric gross ton A unit of mass equal to the total number of kilograms, expressed in units of 1000 kilograms, before deductions. | 3.1 | | | GT |
| D | metric horse power | 2 | metric hp | 735,498 75 W | HJ |
| | metric long ton A metric unit of mass equal to 1016.047 kilograms (2240 pounds). | 3.1 | | | E5 |
| X | metric net ton | 3.1 | | | NT |
| | metric ton A metric unit of mass equal to 1000 kilograms. | 3.1 | | use tonne | TNE |

Annex II (Informative)

Units of Measure: Code elements listed by name

| ST | Name Description | Level/ Category | Representation symbol | Conversion factor to SI | Common code |
|----|---|--------------------|----------------------------|-------------------------------------|----------------|
| + | metric ton, including container A unit of mass defining the number of metric tons of a product, including its container. | 3.1 | | | TIC |
| + | metric ton, including inner packaging A unit of mass defining the number of metric tons of a product, including its inner packaging materials. | 3.1 | | | TIP |
| + | metric ton, lubricating oil A unit of mass defining the number of metric tons of lubricating oil. | 3.1 | | | LUB |
| D | mho | 2 | | S | NQ |
| | microampere | 1S | μA | 10^{-6} A | B84 |
| | microbar | 1S | μbar | 10^{-1} Pa | B85 |
| | microcoulomb | 1S | μC | 10^{-6} C | B86 |
| | microcoulomb per cubic metre | 1S | $\mu\text{C}/\text{m}^3$ | $10^{-6} \text{ C}/\text{m}^3$ | B87 |
| | microcoulomb per square metre | 1S | $\mu\text{C}/\text{m}^2$ | $10^{-6} \text{ C}/\text{m}^2$ | B88 |
| | microcurie | 2S | μCi | $3,7 \times 10^4 \text{ Bq}$ | M5 |
| | microfarad | 1S | μF | 10^{-6} F | 4O |
| | microfarad per metre | 1S | $\mu\text{F}/\text{m}$ | $10^{-6} \text{ F}/\text{m}$ | B89 |
| X | microfiche sheet | 3.9 | | | G7 |
| | microgram | 1S | μg | 10^{-9} kg | MC |
| | microgram per cubic metre | 1M | $\mu\text{g}/\text{m}^3$ | $10^{-9} \text{ kg}/\text{m}^3$ | GQ |
| | microhenry | 1S | μH | 10^{-6} H | B90 |
| | microhenry per metre | 1S | $\mu\text{H}/\text{m}$ | $10^{-6} \text{ H}/\text{m}$ | B91 |
| | micro-inch | 2 | μin | $25,4 \times 10^{-9} \text{ m}$ | M7 |
| | microlitre | 1M | μl | 10^{-9} m^3 | 4G |
| | micrometre (micron) | 1S | μm | 10^{-6} m | 4H |
| D | micromho | 2 | | 10^{-6} S | NR |
| | micromole | 1S | μmol | 10^{-6} mol | FH |
| | micronewton | 1S | μN | 10^{-6} N | B92 |
| | micronewton metre | 1S | $\mu\text{N}\cdot\text{m}$ | $10^{-6} \text{ N} \times \text{m}$ | B93 |
| | microohm | 1S | $\mu\Omega$ | $10^{-6} \Omega$ | B94 |

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Units of Measure: Code elements listed by name

| ST | Name Description | Level/ Category | Representation symbol | Conversion factor to SI | Common code |
|----|--|--------------------|-----------------------|---------------------------|----------------|
| | microohm metre | 1S | $\mu\Omega\cdot m$ | $10^{-6} \Omega \times m$ | B95 |
| | micropascal | 1S | μPa | $10^{-6} Pa$ | B96 |
| | microradian | 1S | μrad | $10^{-6} rad$ | B97 |
| | microsecond | 1S | μs | $10^{-6} s$ | B98 |
| | microsiemens | 1S | μS | $10^{-6} S$ | B99 |
| | microtesla | 1S | μT | $10^{-6} T$ | D81 |
| | microvolt | 1S | μV | $10^{-6} V$ | D82 |
| | microvolt per metre | 1S | $\mu V/m$ | $10^{-6} V/m$ | C3 |
| | microwatt | 1S | μW | $10^{-6} W$ | D80 |
| | microwatt per square metre | 1S | $\mu W/m^2$ | $10^{-6} W/m^2$ | D85 |
| | mile (statute mile) | 2 | mile | 609,344 m | SMI |
| | mile per hour | 2 | mile/h | 0,447 04 m/s | HM |
| + | mille A unit of count defining the number of cigarettes in units of 1000. | 3.9 | | | E12 |
| | milliampere | 1S | mA | $10^{-3} A$ | 4K |
| + | milliampere hour A unit of power load delivered at the rate of one thousandth of an ampere over a period of one hour. | 3.1 | mA·h | 3,6 C | E09 |
| | milliard | 3.7 | | 10^9 | MLD |
| | millibar | 1S | mbar | $10^2 Pa$ | MBR |
| | millicoulomb | 1S | mC | $10^{-3} C$ | D86 |
| | millicoulomb per cubic metre | 1S | mC/m ³ | $10^{-3} C/m^3$ | D88 |
| | millicoulomb per kilogram | 1S | mC/kg | $10^{-3} C/kg$ | C8 |
| | millicoulomb per square metre | 1S | mC/m ² | $10^{-3} C/m^2$ | D89 |
| | millicurie | 2S | mCi | $3,7 \times 10^7 Bq$ | MCU |
| | milliequivalence caustic potash per gram of product A unit of count defining the number of milligrams of potassium hydroxide per gram of product as a measure of the concentration of potassium hydroxide in the product. | 3.9 | | | KO |
| | millifarad | 1S | mF | $10^{-3} F$ | C10 |

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Units of Measure: Code elements listed by name

| ST | Name Description | Level/ Category | Representation symbol | Conversion factor to SI | Common code |
|----|--|--------------------|-------------------------|---|----------------|
| | milligal | 1M | mGal | 10^{-5} m/s^2 | C11 |
| | milligram | 1S | mg | 10^{-6} kg | MGM |
| | milligram per cubic metre | 1M | mg/m ³ | 10^{-6} kg/m^3 | GP |
| | milligram per hour | 1M | mg/h | $2,777\ 78 \times 10^{-10} \text{ kg/s}$ | 4M |
| X | milligram per kilogram | 3.7 | | | NA |
| # | milligram per litre | 1M | mg/l | 10^{-3} kg/m^3 | M1 |
| | milligram per metre | 1S | mg/m | 10^{-6} kg/m | C12 |
| X | milligram per square foot per side | 3.1 | | | MF |
| X | milligram per square inch | 3.5 | mg/in ² | | MK |
| | milligrams per square metre | 1 | mg/m ² | 10^{-6} kg/m^2 | GO |
| | milligray | 1S | mGy | 10^{-3} Gy | C13 |
| | millihenry | 1S | mH | 10^{-3} H | C14 |
| | milli-inch | 2 | mil | $25,4 \times 10^{-6} \text{ m}$ | 77 |
| | millijoule | 1S | mJ | 10^{-3} J | C15 |
| | millilitre | 1S | ml | 10^{-6} m^3 | MLT |
| D | millilitre of water A unit of volume equal to the number of millilitres of water. | 3.1 | | | WW |
| | millilitre per kilogram | 1M | ml/kg | $10^{-6} \text{ m}^3/\text{kg}$ | KX |
| | millilitre per minute | 1M | ml/min | $1,666\ 67 \times 10^{-8} \text{ m}^3/\text{s}$ | 41 |
| | millilitre per second | 1M | ml/s | $10^{-6} \text{ m}^3/\text{s}$ | 40 |
| | millilitres per square centimetre second | 1M | ml/(cm ² ·s) | 10^{-2} m/s | 35 |
| | millimetre | 1S | mm | 10^{-3} m | MMT |
| | millimetre per second | 1S | mm/s | 10^{-3} m/s | C16 |
| | millimetre squared per second | 1S | mm ² /s | $10^{-3} \text{ m}^2/\text{s}$ | C17 |
| | millimole | 1S | mmol | 10^{-3} mol | C18 |
| | millimole per kilogram | 1S | mmol/kg | 10^{-3} mol/kg | D87 |
| | millinewton | 1S | mN | 10^{-3} N | C20 |

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Units of Measure: Code elements listed by name

| ST | Name Description | Level/ Category | Representation symbol | Conversion factor to SI | Common code |
|----|---|--------------------|-----------------------|----------------------------|----------------|
| | millinewton metre | 1S | mN·m | 10^{-3} N x m | D83 |
| | millinewton per metre | 1S | mN/m | 10^{-3} N | C22 |
| | milliohm metre | 1S | mΩ·m | 10^{-3} Ω x m | C23 |
| | million | 3.7 | | 10^6 | MIO |
| | million Btu per 1000 cubic feet | 3.9 | MBTU/kft ³ | $1,05 \times 10^9$ J | M9 |
| + | million BTU(IT) per hour A unit of power equal to one million British thermal units per hour. | 3.1 | Btuh | 293 071,1 W | E16 |
| X | million BTUs | 3.8 | | | BZ |
| X | million cubic feet | 3.8 | Mft ³ | | FM |
| | million cubic metre A unit of volume equal to one million cubic metres. | 3.8 | Mm ³ | | HMQ |
| | million international unit A unit of count defining the number of international units in multiples of 10^6 . | 3.7 | | | MIU |
| X | million particle per cubic foot | 3.9 | | | FD |
| X | million unit | 3.8 | | | UM |
| | millipascal | 1S | mPa | 10^{-3} Pa | 74 |
| | millipascal second | 1S | mPa·s | 10^{-3} Pa x s | C24 |
| | milliradian | 1S | mrاد | 10^{-3} rad | C25 |
| | milliröntgen | 2 | mR | 10^{-3} R | 2Y |
| | millisecond | 1S | ms | 10^{-3} s | C26 |
| | millisiemens | 1S | mS | 10^{-3} S | C27 |
| | millisievert | 1S | mSv | 10^{-3} Sv | C28 |
| | millitesla | 1S | mT | 10^{-3} T | C29 |
| | millivolt | 1S | mV | 10^{-3} V | 2Z |
| | millivolt per kelvin | 1S | mV/K | 10^{-3} V/K | D49 |
| | millivolt per metre | 1S | mV/m | 10^{-3} V/m | C30 |
| | milliwatt | 1S | mW | 10^{-3} W | C31 |
| | milliwatt per square metre | 1S | mW/m ² | 10^{-3} W/m ² | C32 |

Annex II (Informative)

Units of Measure: Code elements listed by name

| ST | Name Description | Level/ Category | Representation symbol | Conversion factor to SI | Common code |
|----|---|--------------------|-----------------------|-------------------------------------|----------------|
| | milliweber | 1S | mWb | 10^{-3} Wb | C33 |
| # | minute [unit of angle] | 1 | ' | $2,908\ 882 \times 10^{-4}$ rad | D61 |
| # | minute [unit of time] | 1 | min | 60 s | MIN |
| | MMSCF/day A unit of volume equal to one million (1000000) cubic feet of gas per day. | 3.9 | | | 5E |
| | mole | 1 | mol | mol | C34 |
| | mole per cubic decimetre | 1S | mol/dm ³ | mol/10 ⁻¹ m ³ | C35 |
| | mole per cubic metre | 1 | mol/m ³ | mol/m ³ | C36 |
| | mole per kilogram | 1 | mol/kg | mol/kg | C19 |
| | mole per litre | 1 | mol/l | mol/10 ⁻³ m ³ | C38 |
| | monetary value A unit of measure expressed as a monetary amount. | 3.9 | | | M4 |
| | month | 2 | mo | 2 629 746 s (approx) | MON |
| | mutually defined A unit of measure as agreed in common between two or more parties. | 3.9 | | | ZZ |
| | nanoampere | 1S | nA | 10 ⁻⁹ A | C39 |
| | nanocoulomb | 1S | nC | 10 ⁻⁹ C | C40 |
| | nanofarad | 1S | nF | 10 ⁻⁹ F | C41 |
| | nanofarad per metre | 1S | nF/m | 10 ⁻⁹ F/m | C42 |
| | nanohenry | 1S | nH | 10 ⁻⁹ H | C43 |
| | nanohenry per metre | 1S | nH/m | 10 ⁻⁹ H/m | C44 |
| | nanometre | 1S | nm | 10 ⁻⁹ m | C45 |
| | nanoohm metre | 1S | nΩ·m | 10 ⁻⁹ Ω·m | C46 |
| | nanosecond | 1S | ns | 10 ⁻⁹ s | C47 |
| | nanotesla | 1S | nT | 10 ⁻⁹ T | C48 |
| | nanowatt | 1S | nW | 10 ⁻⁹ W | C49 |
| | nautical mile | 1 | n mile | 1 852 m | NMI |
| | neper | 1 | Np | Np | C50 |

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Units of Measure: Code elements listed by name

| ST | Name Description | Level/ Category | Representation symbol | Conversion factor to SI | Common code |
|----|--|--------------------|-----------------------------------|-------------------------------------|----------------|
| | neper per second | 1 | Np/s | Np/s | C51 |
| X | net barrel | 3.1 | | | ND |
| X | net gallon (us) | 3.1 | | | NG |
| X | net imperial gallon | 3.1 | | | NI |
| | net kilogram A unit of mass defining the total number of kilograms after deductions. | 3.1 | | | 58 |
| X | net litre | 3.1 | | | NE |
| D | net register ton A unit of mass equal to the total cubic footage after deductions, where 1 register ton is equal to 100 cubic feet. Refer International Convention on tonnage measurement of Ships. | 3.4 | | | NTT |
| | net ton A unit of mass equal to 2000 pounds, see ton (US). Refer International Convention on tonnage measurement of Ships. | 3.4 | | | NT |
| | net ton (2000 lb) A unit of mass of an item, less any packaging material, expressed as the number of short tons (short ton is equal to 2000 lb). | 3.1 | | use ton (US) | STN |
| X | newspage agate line | 3.9 | | | Z8 |
| | newton | 1 | N | (kg x m)/s ² | NEW |
| | newton metre | 1 | N·m | N x m | NU |
| | newton metre second | 1 | N·m·s | N x m x s | C53 |
| | newton metre squared kilogram squared | 1 | N·m ² /kg ² | N x m ² /kg ² | C54 |
| | newton per metre | 1 | N/m | N/m | 4P |
| + | newton per square centimetre A measure of pressure expressed in newtons per square centimetre. | 3.1 | N/cm ² | 10 ⁴ Pa | E01 |
| | newton per square metre | 1S | N/m ² | Pa | C55 |
| | newton per square millimetre | 1S | N/mm ² | 10 ⁶ Pa | C56 |
| | newton second | 1 | N·s | N x s | C57 |
| | newton second per metre | 1 | N·s/m | N x s/m | C58 |
| X | nine pack | 3.2 | | | P9 |
| | number of articles | 3.7 | | | NAR |

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Units of Measure: Code elements listed by name

| ST | Name Description | Level/ Category | Representation symbol | Conversion factor to SI | Common code |
|----|--|--------------------|--------------------------|---|----------------|
| | A unit of count defining the number of articles (article: item). | | | | |
| X | number of bobbins | 3.7 | | | NBB |
| | number of cells A unit of count defining the number of cells (cell: an enclosed or circumscribed space, cavity, or volume). | 3.7 | | | NCL |
| | number of international units A unit of count defining the number of international units. | 3.7 | | | NIU |
| + | number of jewels A unit of count defining the number of jewels (jewel: precious stone). | 3.7 | | | JWL |
| X | number of lines | 3.9 | | | N2 |
| X | number of mults | 3.7 | | | MV |
| | number of packs A unit of count defining the number of packs (pack: a collection of objects packaged together). | 3.7 | | | NMP |
| D | number of pairs A unit of count defining the number of pairs (pair: item described by two's). | 3.7 | | use pair | NPR |
| X | number of parcels | 3.7 | | | NPL |
| | number of parts A unit of count defining the number of parts (part: component of a larger entity). | 3.7 | | | NPT |
| X | number of rolls Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.7 | | | NRL |
| X | number of screens | 3.7 | | | NJ |
| + | number of words A unit of count defining the number of words. | 3.7 | | | D68 |
| | octave A unit used in music to describe the ratio in frequency between notes. | 1 | | | C59 |
| D | oersted | 3.5 | Oe | 7,957 747 x 10 A/m | 66 |
| | ohm | 1 | Ω | Ω | OHM |
| | ohm centimetre | 1S | $\Omega \cdot \text{cm}$ | $\Omega \times \text{m} \times 10^{-2}$ | C60 |
| | ohm metre | 1 | $\Omega \cdot \text{m}$ | $\Omega \times \text{m}$ | C61 |
| | one | 1 | 1 | 1 | C62 |
| D | one | 3.5 | 1 | 1 | C62 |

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Units of Measure: Code elements listed by name

| ST | Name Description | Level/ Category | Representation symbol | Conversion factor to SI | Common code |
|----|--|--------------------|---------------------------|---|----------------|
| | ounce | 2 | oz | $2,834\ 952 \times 10^{-2}$ kg | ONZ |
| D | ounce av A unit of measure equal to 1/16 of a pound or about 28.3495 grams (av = avoirdupois). | 3.1 | | | OZ |
| | ounce foot | 2 | oz-ft | $8,640\ 933 \times 10^{-3}$ kg x m | 4R |
| # | ounce inch | 2 | oz-in | $7,200\ 778 \times 10^{-4}$ kg x m | 4Q |
| | ounce per square foot | 2 | oz/ft ² | 0,305 151 7 kg/m ² | 37 |
| | ounce per square yard | 2 | oz/yd ² | $3,390\ 575 \times 10^{-2}$ kg/m ² | ON |
| | ounces per square foot per 0,01inch | 1M | oz/(ft ² /cin) | | 38 |
| | outfit A unit of count defining the number of outfits (outfit: a complete set of equipment / materials / objects used for a specific purpose). | 3.9 | | | 11 |
| | overtime hour A unit of time defining the number of overtime hours. | 3.1 | | | OT |
| + | ozone depletion equivalent A unit of mass defining the ozone depletion potential in kilograms of a product relative to the calculated depletion for the reference substance, Trichlorofluoromethane (CFC-11). | 3.1 | | | ODE |
| X | pack Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | PK |
| X | package Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | PK |
| X | packet Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | PA |
| | pad A unit of count defining the number of pads (pad: block of paper sheets fastened together at one end). | 3.9 | | | PD |
| | page A unit of count defining the number of pages. | 3.5 | | | ZP |
| X | page - electronic | 3.9 | | | P0 |
| | page - facsimile A unit of count defining the number of facsimile pages. | 3.5 | | | QA |
| | page - hardcopy A unit of count defining the number of hardcopy pages (hardcopy page: a page rendered as printed or written output on paper, film, or other permanent medium). | 3.5 | | | QB |

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Units of Measure: Code elements listed by name

| ST | Name Description | Level/ Category | Representation symbol | Conversion factor to SI | Common code |
|----|--|--------------------|-----------------------|-------------------------------|----------------|
| | page per inch A unit of quantity defining the degree of thickness of a bound publication, expressed as the number of pages per inch of thickness. | 3.5 | ppi | | PQ |
| X | pail Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | PL |
| | pair A unit of count defining the number of pairs (pair: item described by two's). | 3.7 | | 2 | PR |
| X | pair inch | 3.8 | | | PB |
| X | pallet (lift) Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | PF |
| X | pallet/unit load Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.4 | | | D97 |
| | panel A unit of count defining the number of panels (panel: a distinct, usually rectangular, section of a surface). | 3.9 | | | OA |
| | parsec | 1 | pc | $3,085\ 678 \times 10^{16}$ m | C63 |
| | part per billion (US) A unit of proportion equal to 10^{-9} . | 3.7 | ppb | 1×10^{-9} | 61 |
| + | part per hundred thousand A unit of proportion equal to 10^{-5} . | 3.7 | ppht | 1×10^{-5} | E40 |
| | part per million A unit of proportion equal to 10^{-6} . | 3.7 | ppm | 1×10^{-6} | 59 |
| | part per thousand A unit of proportion equal to 10^{-3} . | 3.7 | ppth or ppt | 1×10^{-3} | NX |
| | pascal | 1 | Pa | Pa | PAL |
| | pascal per kelvin | 1 | Pa/K | Pa/K | C64 |
| | pascal second | 1 | Pa·s | Pa x s | C65 |
| | pascal second per cubic metre | 1 | Pa·s/m ³ | Pa x s/m ³ | C66 |
| | pascal second per metre | 1 | Pa·s/m | Pa x s/m | C67 |
| X | peck dry (UK) | 3.5 | | | PZ |

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Units of Measure: Code elements listed by name

| ST | Name Description | Level/ Category | Representation symbol | Conversion factor to SI | Common code |
|----|---|--------------------|-----------------------|-------------------------------|----------------|
| X | peck dry (US) | 3.5 | | | PY |
| | pen calorie A unit of count defining the number of calories prescribed daily for parenteral/enteral therapy. | 3.9 | | | N1 |
| | pen gram (protein) A unit of count defining the number of grams of amino acid prescribed for parenteral/enteral therapy. | 3.9 | | | D23 |
| | pennyweight | 3.5 | | 1,555 174 g | DWT |
| | percent A unit of proportion equal to 0.01. | 3.7 | % or pct | 1×10^{-2} | P1 |
| X | percent per 1000 hour | 3.7 | | | 62 |
| | percent weight A unit of proportion equal to 10^{-2} . | 3.7 | | 1×10^{-2} | 60 |
| | person A unit of count defining the number of persons. | 3.9 | | | IE |
| + | petabyte A unit of information equal to 10^{15} bytes. | 3.6 | PB | | E36 |
| | petajoule | 1S | PJ | 10^{15} J | C68 |
| | phon A unit of subjective sound loudness. A sound has loudness p phons if it seems to the listener to be equal in loudness to the sound of a pure tone of frequency 1 kilohertz and strength p decibels. | 1 | | | C69 |
| | pica A unit of count defining the number of picas. (pica: typographical length equal to 12 points or 4.22 mm (approx.)). | 3.5 | | $4,217\ 518 \times 10^{-3}$ m | R1 |
| | picoampere | 1S | pA | 10^{-12} A | C70 |
| | picocoulomb | 1S | pC | 10^{-12} C | C71 |
| | picofarad | 1S | pF | 10^{-12} F | 4T |
| | picofarad per metre | 1S | pF/m | 10^{-12} F/m | C72 |
| | picohenry | 1S | pH | 10^{-12} H | C73 |
| | picometre | 1S | pm | 10^{-12} m | C52 |
| | picowatt | 1S | pW | 10^{-12} W | C75 |

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Units of Measure: Code elements listed by name

| ST | Name Description | Level/ Category | Representation symbol | Conversion factor to SI | Common code |
|----|---|--------------------|-----------------------|--|----------------|
| | picowatt per square metre | 1S | pW/m ² | 10 ⁻¹² W/m ² | C76 |
| | piece A unit of count defining the number of pieces (piece: an individual part of a larger whole). | 3.2 | 1 | use one | C62 |
| + | ping A unit of area equal to 3.3 square metres. | 3.1 | | 3,305 m ² | E19 |
| | pint (UK) | 2 | pt (UK) | 5, 682 61 x 10 ⁻⁴ m ³ | PTI |
| | pint (US) | 2 | pt (US) | 4, 731 76 x 10 ⁻⁴ m ³ | PT |
| | pitch A unit of count defining the number of characters that fit in a horizontal inch. | 3.5 | | | PI |
| + | pixel A unit of count defining the number of pixels (pixel: picture element). | 3.6 | | | E37 |
| X | plate Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | PG |
| | poise | 2 | P | 0,1 Pa x s | 89 |
| | pound | 2 | lb | 0,453 592 37 kg | LBR |
| | pound decimal A unit of mass defining the number of pounds with decimal precision. | 3.1 | lb | use pound | LBR |
| X | pound equivalent | 3.1 | | | PE |
| X | pound gage | 3.1 | | | C77 |
| X | pound gross | 3.1 | | | D96 |
| X | pound net | 3.1 | | | PN |
| X | pound per air dry metric ton | 3.5 | | | NY |
| | pound per cubic foot | 2 | lb/ft ³ | 1,601 846 kg/m ³ | 87 |
| | pound per cubic inch | 2 | lb/in ³ | 2,767 990 x 10 ⁻⁴ kg/m ³ | LA |
| | pound per foot | 2 | lb/ft | 1,488 164 kg/m | P2 |
| | pound per gallon (US) | 2 | lb/gal (US) | 1.198 264 x 10 ² kg/m ³ | GE |
| | pound per hour | 2 | lb/h | 1,259 979 x 10 ⁻⁴ kg/s | 4U |
| | pound per inch of length | 2 | lb/in | 10,785 797 kg/m | PO |
| X | pound per inch of width | 3.1 | | | PW |

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Units of Measure: Code elements listed by name

| ST | Name Description | Level/ Category | Representation symbol | Conversion factor to SI | Common code |
|----|---|--------------------|-----------------------|---|----------------|
| X | pound per piece of product | 3.9 | | | 3G |
| X | pound per pound of product | 3.9 | | | 3E |
| | pound per ream A unit of mass for paper, expressed as pounds per ream. (ream: a large quantity of paper, typically 500 sheets). | 3.5 | | | RP |
| | pound per square foot | 2 | lb/ft ² | 4,882 428 kg/m ² | FP |
| D | pound per square inch, gauge | 3.1 | | 7,030 696 x 10 ² kg/m ² | 64 |
| X | pound per thousand square feet | 3.8 | lb/kft ² | | 29 |
| X | pound percentage | 3.1 | | | PM |
| | pound-force | 2 | lbf | 4,448 222 N | C78 |
| | pound-force per square inch | 2 | lbf/in | 6,894 757 x 10 ³ Pa | PS |
| | pounds per square inch absolute | 2 | lb/in ² | 7,030 696 x 10 ² kg/m ² | 80 |
| X | pounds per thousand | 3.9 | | | 5F |
| X | powder filled vial | 3.3 | | | AW |
| | print point | 3.5 | | 0,013 8 in (approx) | N3 |
| | proof gallon A unit of volume equal to one gallon of proof spirits, or the alcohol equivalent thereof. Used for measuring the strength of distilled alcoholic liquors, expressed as a percentage of the alcohol content of a standard mixture at a specific temperature. | 3.1 | | | PGL |
| + | proof litre A unit of volume equal to one litre of proof spirits, or the alcohol equivalent thereof. Used for measuring the strength of distilled alcoholic liquors, expressed as a percentage of the alcohol content of a standard mixture at a specific temperature. | 3.1 | | | PFL |
| X | pump | 3.9 | | | 5G |
| | quart (UK) | 2 | qt (UK) | 1,136 522 5 x 10 ⁻³ m ³ | QTI |
| | quart (US) | 2 | qt (US) | 0,946 352 9 x 10 ⁻³ m ³ | QT |
| | quarter (of a year) A unit of time defining the number of quarters (3 months). | 3.8 | | | QAN |
| | quarter (UK) | 3.5 | | 12,700 586 kg | QTR |
| X | quarter dozen | 3.7 | | 3 | QD |

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Units of Measure: Code elements listed by name

| ST | Name Description | Level/ Category | Representation symbol | Conversion factor to SI | Common code |
|----|--|--------------------|----------------------------------|---|----------------|
| X | quarter hour | 3.8 | | 900 s | QH |
| X | quarter kilogram | 3.8 | | | QK |
| X | quarter mile | 3.8 | | | 1X |
| | quintal, metric 100 kg A metric unit of mass equal to 100 kilograms. | 3.5 | dt or dtn | 10 ² kg | DTN |
| | quire A unit of count for paper, expressed as the number of quires (quire: a number of paper sheets, typically 25). | 3.5 | qr | | QR |
| X | rack | 3.3 | | | RA |
| | rad | 2 | rad | 10 ⁻² Gy | C80 |
| | radian | 1 | rad | m x m ⁻¹ = 1 | C81 |
| | radian per metre | 1 | rad/m | 0,159 155 / m | C84 |
| | radian per second | 1 | rad/s | 0,159 155 Hz/s | 2A |
| | radian per second squared | 1 | rad/s ² | 0,159 155 Hz/s ² | 2B |
| | radian square metre per kilogram | 1 | rad·m ² /kg | 0,159 155 m ² /kg | C83 |
| | radian square metre per mole | 1 | rad·m ² /mol | 0,159 155 m ² /mol | C82 |
| | rate A unit of quantity expressed as a rate for usage of a facility or service. | 3.9 | | | A9 |
| | ration A unit of count defining the number of rations (ration: a single portion of provisions). | 3.9 | | | 13 |
| | ream A unit of count for paper, expressed as the number of reams (ream: a large quantity of paper sheets, typically 500). | 3.5 | | | RM |
| X | ream metric measure | 3.5 | | | RN |
| | reciprocal angstrom | 1 | Å ⁻¹ | 10 ¹⁰ m ⁻¹ | C85 |
| | reciprocal cubic metre | 1 | m ⁻³ | m ⁻³ | C86 |
| | reciprocal cubic metre per second | 1 | m ⁻³ /s | m ⁻³ /s | C87 |
| | reciprocal electron volt per cubic metre | 1 | eV ⁻¹ /m ³ | 6,241 46 x 10 ¹⁸ J ⁻¹ /m ³ | C88 |
| | reciprocal henry | 1 | H ⁻¹ | H ⁻¹ | C89 |
| | reciprocal joule per cubic metre | 1 | J ⁻¹ /m ³ | J ⁻¹ /m ³ | C90 |

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Units of Measure: Code elements listed by name

| ST | Name Description | Level/ Category | Representation symbol | Conversion factor to SI | Common code |
|----|--|--------------------|---------------------------------------|---------------------------------------|----------------|
| | reciprocal kelvin or kelvin to the power minus one | 1 | K ⁻¹ | K ⁻¹ | C91 |
| | reciprocal metre | 1 | m ⁻¹ | m ⁻¹ | C92 |
| | reciprocal metre squared | 1 | m ⁻² | m ⁻² | C93 |
| | reciprocal metre squared reciprocal second | 1 | m ⁻² /s | m ⁻² /s | B81 |
| | reciprocal minute | 1S | min ⁻¹ | 60 s ⁻¹ | C94 |
| | reciprocal mole | 1 | mol ⁻¹ | mol ⁻¹ | C95 |
| | reciprocal pascal or pascal to the power minus one | 1 | Pa ⁻¹ | Pa ⁻¹ | C96 |
| | reciprocal second | 1 | s ⁻¹ | s ⁻¹ | C97 |
| | reciprocal second per cubic metre | 1 | s ⁻¹ /m ³ | s ⁻¹ /m ³ | C98 |
| | reciprocal second per metre squared | 1 | s ⁻¹ /m ² | s ⁻¹ /m ² | C99 |
| | reciprocal second per steradian | 1 | s ⁻¹ /sr | s ⁻¹ /sr | D1 |
| | reciprocal second per steradian metre squared | 1 | s ⁻¹ /(sr·m ²) | s ⁻¹ /(sr·m ²) | D2 |
| | reciprocal square metre | 1 | m ⁻² | m ⁻² | C93 |
| X | reel Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | RL |
| | rem | 2 | rem | 10 ⁻² Sv | D91 |
| X | reset | 3.9 | | | RS |
| | revenue ton mile A unit of information typically used for billing purposes, expressed as the number of revenue tons (revenue ton: either a metric ton or a cubic metres, whichever is the larger), moved over a distance of one mile. | 3.4 | | | RT |
| | revolutions per minute | 1 | r/min | 1,047 198 rad/(60 x s) | RPM |
| | revolutions per second | 1 | r/s | 1,047 198 rad/s | RPS |
| X | ring Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | RG |
| X | rod Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | RD |
| # | roentgen | 2 | R | 2,58 x 10 ⁻⁴ C/kg | 2C |
| # | roentgen per second | 2 | R/s | 2,58 x 10 ⁻⁴ C/(kg x s) | D6 |

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Units of Measure: Code elements listed by name

| ST | Name Description | Level/ Category | Representation symbol | Conversion factor to SI | Common code |
|----|--|--------------------|-------------------------|----------------------------------|----------------|
| X | roll Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | RO |
| X | roll metric measure | 3.3 | | | RK |
| | round A unit of count defining the number of rounds (round: A circular or cylindrical object). | 3.9 | | | D65 |
| X | run | 3.9 | | | RU |
| | running or operating hour A unit of time defining the number of hours of operation. | 3.1 | | | RH |
| X | sack Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | SA |
| X | sandwich | 3.9 | | | D7 |
| X | Saybold universal second | 3.9 | | | 90 |
| | score A unit of count defining the number of units in multiples of 20. | 3.7 | | 20 | SCO |
| | scruple | 3.5 | | 1,295 982 g | SCR |
| # | second [unit of angle] | 1 | " | 4,848 137 x 10 ⁻⁶ rad | D62 |
| # | second [unit of time] | 1 | s | s | SEC |
| | second per cubic metre | 1 | s/m ³ | s/m ³ | D93 |
| | second per radian cubic metre | 1 | s/(rad·m ³) | s/(6,283 19 x m ³) | D94 |
| X | section | 3.9 | | | SE |
| | segment A unit of information equal to 64000 bytes. | 3.9 | | | SG |
| X | seismic level | 3.9 | | | 5P |
| X | seismic line | 3.9 | | | 5Q |
| X | session | 3.9 | | | S6 |
| | set A unit of count defining the number of sets (set: a number of objects grouped together). | 3.2 | | | SET |
| X | seven pack | 3.2 | | | P7 |
| + | shares A unit of count defining the number of shares (share: a total or portion of the parts into which a | 3.7 | | | E21 |

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Units of Measure: Code elements listed by name

| ST | Name Description | Level/ Category | Representation symbol | Conversion factor to SI | Common code |
|----|---|--------------------|-----------------------|--------------------------------|----------------|
| | business entity's capital is divided). | | | | |
| X | sheet Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | ST |
| X | sheet metric measure | 3.3 | | | SS |
| X | shelf package | 3.9 | | | SP |
| | shipment A unit of count defining the number of shipments (shipment: an amount of goods shipped or transported). | 3.4 | | | SX |
| D | shipping ton A unit of mass defining the number of tons for shipping. | 3.4 | | | SHT |
| X | short standard (7200 matches) | 3.5 | | | SST |
| | shot A unit of liquid measure, especially related to spirits. | 3.9 | | | 14 |
| | siemens | 1 | S | A/V | SIE |
| | siemens per metre | 1 | S/m | S/m | D10 |
| | siemens square metre per mole | 1 | S·m ² /mol | S x m ² /mol | D12 |
| | sievert | 1 | Sv | m ² /s ² | D13 |
| | sitas A unit of area for tin plate equal to a surface area of 100 square metres. | 3.9 | | | 56 |
| X | six pack | 3.2 | | | P6 |
| X | sixty fourths of an inch | 3.8 | | | S5 |
| | skein A unit of count defining the number of skeins (skein: a loosely-coiled bundle of yarn or thread). | 3.9 | | | SW |
| X | skid Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.9 | | | SV |
| X | sleeve | 3.3 | | | D99 |
| X | slipsheet Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | SL |
| X | small spray | 3.9 | | | 06 |
| X | solid pound | 3.1 | | | SD |
| | sone | 1 | | | D15 |

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Units of Measure: Code elements listed by name

| ST | Name Description | Level/ Category | Representation symbol | Conversion factor to SI | Common code |
|----|---|--------------------|---------------------------|---|----------------|
| | A unit of subjective sound loudness. One sone is the loudness of a pure tone of frequency one kilohertz and strength 40 decibels. | | | | |
| X | split tank truck | 3.4 | | | SK |
| X | spool Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | SO |
| | square A unit of count defining the number of squares (square: rectangular shape). | 3.9 | | | SQ |
| | square centimetre | 1S | cm ² | 10 ⁻⁴ m ² | CMK |
| | square centimetre per erg | 2 | cm ² /erg | 10 ³ m ² /J | D16 |
| | square centimetre per steradian erg | 2 | cm ² /(sr·erg) | 10 ³ m ² /(sr x J) | D17 |
| | square decimetre | 1S | dm ² | 10 ⁻² m ² | DMK |
| | square foot | 2 | ft ² | 9,290 304 x 10 ⁻² m ² | FTK |
| | square foot per second | 2 | ft ² /s | 0,092 903 04 m ² /s | S3 |
| | square inch | 2 | in ² | 6,451 6 x 10 ⁻⁴ m ² | INK |
| | square kilometre | 1S | km ² | 10 ³ m ² | KMK |
| | square metre | 1 | m ² | m ² | MTK |
| | square metre kelvin per watt | 1 | m ² ·K/W | m ² x K/W | D19 |
| | square metre per joule | 1 | m ² /J | m ² /J | D20 |
| | square metre per kilogram | 1 | m ² /kg | m ² /kg | D21 |
| + | square metre per litre A unit of count defining the number of square metres per litre. | 3.1 | m ² /l | | E31 |
| | square metre per mole | 1 | m ² /mol | m ² /mol | D22 |
| | square metre per second | 1 | m ² /s | m ² /s | S4 |
| | square metre per steradian | 1 | m ² /sr | m ² /sr | D24 |
| | square metre per steradian joule | 1 | m ² /(sr·J) | m ² /(sr x J) | D25 |
| | square metre per volt second | 1 | m ² /(V·s) | m ² /(V x s) | D26 |
| | square mile | 2 | mile ² | 2,589 988 km ² | MIK |
| | square millimetre | 1S | mm ² | 10 ⁻⁶ m ² | MMK |
| X | square rod | 3.8 | rd ² | 25,292 9 m ² | SN |

Annex II (Informative)

Units of Measure: Code elements listed by name

| ST | Name Description | Level/ Category | Representation symbol | Conversion factor to SI | Common code |
|----|--|--------------------|-----------------------|---|----------------|
| | square yard | 2 | yd ² | 8.361 274 x 10 ⁻¹ m ² | YDK |
| + | square, roofing A unit of count defining the number of squares of roofing materials, measured in multiples of 100 square feet. | 3.1 | | | SQR |
| X | stage | 3.9 | | | 5H |
| | standard A unit of volume of finished lumber equal to 165 cubic feet. | 3.5 | std | 4,672 m ³ | WSD |
| X | standard advertising unit | 3.9 | | | S8 |
| | standard atmosphere | 1 | atm | 1 013 25 Pa | ATM |
| | standard cubic foot | 2 | std | 4,672 m ³ | 5I |
| + | standard kilolitre A unit of volume defining the number of kilolitres of a product at a temperature of 15 degrees Celsius, especially in relation to hydrocarbon oils. | 3.1 | | | DMO |
| + | standard litre A unit of volume defining the number of litres of a product at a temperature of 15 degrees Celsius, especially in relation to hydrocarbon oils. | 3.1 | | | STL |
| | steradian | 1 | sr | m ² x m ⁻² = 1 | D27 |
| + | stick, cigarette A unit of count defining the number of cigarettes in the smallest unit for stock-taking and/or duty computation. | 3.9 | | | STK |
| # | stick, military A unit of count defining the number of military sticks (military stick: bombs or paratroops released in rapid succession from an aircraft). | 3.9 | | | 15 |
| | stokes | 2 | St | 10 ⁻⁴ m ² /s | 91 |
| | stone (UK) | 2 | st | 6,350 293 kg | STI |
| X | storage unit | 3.9 | | | S7 |
| + | strand A unit of count defining the number of strands (strand: long, thin, flexible, single thread, strip of fibre, constituent filament or multiples of the same, twisted together). | 3.7 | | | E30 |
| | strip A unit of count defining the number of strips (strip: long narrow piece of an object). | 3.9 | | | SR |
| X | super bulk bag Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | 43 |

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Units of Measure: Code elements listed by name

| ST | Name Description | Level/ Category | Representation symbol | Conversion factor to SI | Common code |
|----|---|--------------------|-----------------------|-------------------------|----------------|
| X | suppository | 3.3 | | | AR |
| X | syphon | 3.9 | | | D28 |
| | tablet A unit of count defining the number of tablets (tablet: a small flat or compressed solid object). | 3.9 | | | U2 |
| X | tank truck | 3.4 | | | 19 |
| X | tank, cylindrical Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.4 | | | TY |
| X | tank, rectangular Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.4 | | | TK |
| D | technical atmosphere | 2 | at | 98 066,5 Pa | ATT |
| | telecommunication line in service A unit of count defining the number of lines in service. | 3.5 | | | T0 |
| | telecommunication line in service average A unit of count defining the average number of lines in service. | 3.5 | | | UB |
| | telecommunication port A unit of count defining the number of network access ports. | 3.5 | | | UC |
| | ten day A unit of time defining the number of days in multiples of 10. | 3.2 | | | DAD |
| X | ten kg drum | 3.3 | | | 97 |
| | ten pack A unit of count defining the number of items in multiples of 10. | 3.2 | | | TP |
| | ten pair A unit of count defining the number of pairs in multiples of 100 (pair: item described by two's). | 3.8 | | | TPR |
| X | ten square feet | 3.8 | | | TR |
| X | ten square yard | 3.8 | | | TF |
| X | ten thousand gallon (US) tankcar | 3.4 | | | 96 |
| X | ten thousand yard | 3.8 | | | UH |
| X | ten yard | 3.8 | | | YT |
| X | tenth cubic foot | 3.8 | | | TA |
| X | tenth hour | 3.8 | | 36 s | UE |
| X | tenth minute | 3.8 | | 6 s | UD |

Annex II (Informative)

Units of Measure: Code elements listed by name

| ST | Name Description | Level/ Category | Representation symbol | Conversion factor to SI | Common code |
|----|---|--------------------|------------------------------|---|----------------|
| + | terabyte A unit of information equal to 10 ¹² bytes. | 3.6 | TB | | E35 |
| | terahertz | 1S | THz | 10 ¹² Hz | D29 |
| | terajoule | 1S | TJ | 10 ¹² J | D30 |
| | terawatt | 1S | TW | 10 ¹² W | D31 |
| | terawatt hour | 1S | TW·h | 10 ¹² W x 60 s | D32 |
| | tesla | 1 | T | T | D33 |
| X | test specific scale | 3.9 | | | 69 |
| + | TEU A unit of count defining the number of twenty-foot equivalent units (TEUs) as a measure of containerized cargo capacity. | 3.4 | | | E22 |
| | tex A unit of yarn density. One decitex equals a mass of 1 gram per 1 kilometre of length. | 3.5 | tex (g/km) | 10 ⁻⁶ kg/m | D34 |
| X | theoretical kilograms | 3.1 | | | 53 |
| | theoretical pound A unit of mass defining the expected mass of material expressed as the number of pounds. | 3.1 | | | 24 |
| | theoretical ton A unit of mass defining the expected mass of material, expressed as the number of tons. | 3.1 | | | 27 |
| X | theoretical tonne | 3.1 | | | 54 |
| X | therm | 3.8 | | 10 ⁵ x 1 055,056 J | TD |
| D | thermochemical calorie | 2 | calth | 4,184 J | D35 |
| D | thermochemical calorie per gram | 2 | calth/g | 4 184 J/kg | B36 |
| D | thermochemical calorie per gram kelvin | 2 | calth/(g·K) | 4 184 J/(kg x K) | D37 |
| D | thermochemical calorie per second centimetre kelvin | 2 | calth/(s·cm·K) | 418,4 W/(m x K) | D38 |
| D | thermochemical calorie per second square centimetre kelvin | 2 | calth/(s·cm ² ·K) | 4,184 x10 ⁴ W/(m ² x K) | D39 |
| | thousand | 3.7 | | 10 ³ | MIL |
| X | thousand bag | 3.8 | | | T4 |
| | thousand board feet A unit of volume equal to one thousand board feet. | 3.5 | | | MBF |
| X | thousand casing | 3.8 | | | T5 |

Annex II (Informative)
Units of Measure: Code elements listed by name

| ST | Name Description | Level/ Category | Representation symbol | Conversion factor to SI | Common code |
|----|---|--------------------|-----------------------|-----------------------------------|----------------|
| | thousand cubic feet A unit of volume equal to one thousand cubic feet. | 3.8 | kft ³ | | FC |
| X | thousand cubic feet per day | 3.8 | | | F1 |
| | thousand cubic metre A unit of volume equal to one thousand cubic metres | 3.8 | | 10 ³ m ³ | R9 |
| | thousand cubic metre per day A unit of volume equal to one thousand cubic metres per day. | 3.8 | km ³ /d | 10 ³ m ³ /d | TQD |
| X | thousand feet | 3.8 | | | TQ |
| X | thousand feet (linear) | 3.8 | | | TL |
| X | thousand gallon (US) | 3.8 | | 3,785 412 m ³ | T6 |
| X | thousand impression | 3.8 | | | T7 |
| X | thousand kilogram | 3.8 | | 10 ³ kg | TV |
| X | thousand linear inch | 3.8 | | | T8 |
| X | thousand linear metre | 3.8 | | | TT |
| X | thousand linear yard | 3.8 | | | D14 |
| X | thousand litre | 3.8 | | m ³ | D40 |
| X | thousand metre | 3.8 | | 10 ³ m | MQ |
| | thousand piece A unit of count defining the number of pieces in multiples of 10 (piece: an individual part of a larger whole). | 3.8 | | | T3 |
| X | thousand pound gross | 3.8 | | | T1 |
| X | thousand pound per square inch | 3.8 | | | KS |
| X | thousand sheet | 3.8 | | | TW |
| X | thousand square centimetre | 3.8 | | | TJ |
| X | thousand square feet | 3.8 | | | TS |
| X | thousand square inch | 3.8 | | | TI |
| | thousand standard brick equivalent A unit of count defining the number of one thousand brick equivalent units. | 3.5 | | | MBE |
| X | three pack | 3.2 | | | P3 |

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Units of Measure: Code elements listed by name

| ST | Name Description | Level/ Category | Representation symbol | Conversion factor to SI | Common code |
|----|---|--------------------|-----------------------|---------------------------------------|----------------|
| X | threehundred kg bulk bag | 3.3 | | | 45 |
| X | tin Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | TN |
| | ton (UK) or long ton (US) | 2 | ton (UK) | 1,016 047 x 10 ³ kg | LTN |
| | ton (US) or short ton (UK/US) | 2 | ton (US) | 0,907184 7 x 10 ³ kg | STN |
| | ton (US) per hour | 2 | ton (US) /h | 0,907184 7 x 10 ³ kg/360 s | 4W |
| X | ton mile | 3.5 | | | 1J |
| X | ton of steam per hour | 3.1 | | | TSH |
| | tonne (metric ton) | 1S | t | 10 ³ kg | TNE |
| X | tonne of substance 90 % dry | 3.1 | | | TSD |
| | tonne per cubic metre | 1S | t/m ³ | 10 ³ kg/m ³ | D41 |
| + | tonne per hour A unit of weight or mass equal to one tonne per hour. | 3.1 | | | E18 |
| D | torr | 2 | Torr | 133,322 4 Pa | UA |
| X | total car count | 3.5 | | | 1L |
| X | total car mile | 3.5 | | | 1M |
| X | tote | 3.3 | | | TE |
| X | track foot | 3.5 | | | FE |
| X | trailer | 3.4 | | | E3 |
| X | train | 3.5 | | | NN |
| X | train mile | 3.5 | | | 1F |
| X | transdermal patch | 3.9 | | | FG |
| X | tray / tray pack Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | PU |
| | treatment A unit of count defining the number of treatments (treatment: subjection to the action of a chemical, physical or biological agent). | 3.9 | | | U1 |
| | trillion (EUR) | 3.7 | | 10 ¹⁸ | TRL |
| | trillion (US) | 3.7 | | 10 ¹² | BIL |

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Units of Measure: Code elements listed by name

| ST | Name Description | Level/ Category | Representation symbol | Conversion factor to SI | Common code |
|----|--|--------------------|-----------------------|--|----------------|
| | tropical year | 2 | atrop | $3,155\,693 \times 10^{-7} \text{ s}$ | D42 |
| # | troy ounce or apothecary ounce | 2 | tr oz | 31,103 476 8 g | APZ |
| | troy pound (US) | 3.5 | | 373,242 g | LBT |
| X | truckload | 3.4 | | | TC |
| X | tube Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | TU |
| | twenty foot container A unit of count defining the number of shipping containers that measure 20 feet in length. | 3.4 | | | 20 |
| X | twenty pack | 3.2 | | | 4E |
| X | twenty thousand gallon (US) tankcar | 3.4 | | | 95 |
| X | two pack | 3.2 | | | OP |
| X | two week | 3.8 | | | W4 |
| + | tyre A unit of count defining the number of tyres (a solid or air-filled covering placed around a wheel rim to form a soft contact with the road, absorb shock and provide traction). | 3.7 | | | E23 |
| | unified atomic mass unit | 1 | u | $1,660\,540\,2 \times 10^{-27} \text{ kg}$ | D43 |
| | unit A unit of count equal to 1. | 3.2 | 1 | use one | C62 |
| | US gallon per minute | 2 | gal (US) /min | $3,785\,412 \times 10^{-3} \text{ m}^3/60 \text{ s}$ | G2 |
| X | usage per telecommunication line average | 3.5 | | | UF |
| | var The name of the unit is an acronym for volt-ampere-reactive. | 1 | var | V x A | D44 |
| X | vehicle | 3.4 | | | NV |
| X | vial Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex). | 3.3 | | | VI |
| X | visit | 3.9 | | | VS |
| | volt | 1 | V | V | VLT |
| | volt - ampere | 1 | V·A | W | D46 |
| | volt ampere per kilogram | 3.9 | VA/kg | 1 VA/kg | VA |
| X | volt ampere per pound | 3.9 | | | 71 |

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Units of Measure: Code elements listed by name

| ST | Name Description | Level/ Category | Representation symbol | Conversion factor to SI | Common code |
|----|---|--------------------|-------------------------------------|--------------------------------------|----------------|
| | volt per centimetre | 1S | V/cm | V/m ⁻² | D47 |
| | volt per kelvin | 1 | V/K | V/m | D48 |
| | volt per metre | 1 | V/m | V/m | D50 |
| | volt per millimetre | 1S | V/mm | kV/m | D51 |
| | volt squared per kelvin squared | 1 | V ² /K ² | V ² /K ² | D45 |
| | watt | 1 | W | W | WTT |
| | watt hour | 1 | W·h | 3,6 x 10 ³ J | WHR |
| | watt per kelvin | 1 | W/K | W/K | D52 |
| | watt per kilogram | 3.9 | W/kg | 1 W/kg | WA |
| | watt per metre kelvin | 1 | W/(m·K) | W/(m x K) | D53 |
| X | watt per pound | 3.9 | | | 72 |
| | watt per square metre | 1 | W/m ² | W/m ² | D54 |
| | watt per square metre kelvin | 1 | W/(m ² ·K) | W/(m ² x K) | D55 |
| | watt per square metre kelvin to the fourth power | 1 | W/(m ² ·K ⁴) | W/(m ² x K ⁴) | D56 |
| | watt per steradian | 1 | W/sr | W/sr | D57 |
| | watt per steradian square metre | 1 | W/(sr·m ²) | W/(sr x m ²) | D58 |
| | weber | 1 | Wb | Wb | WEB |
| | weber per metre | 1 | Wb/m | Wb/m | D59 |
| | weber per millimetre | 1S | Wb/mm | Wb/10 ⁻³ m | D60 |
| | week | 2 | wk | 604 800 s | WEE |
| X | weight per square inch | 3.9 | | | WI |
| | wet kilo A unit of mass defining the number of kilograms of a product, including the water content of the product. | 3.1 | | | W2 |
| | wet pound A unit of mass defining the number of pounds of a material, including the water content of the material. | 3.1 | | | WB |
| | wet ton A unit of mass defining the number of tons of a material, including the water content of the | 3.1 | | | WE |

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Units of Measure: Code elements listed by name

| ST | Name Description | Level/ Category | Representation symbol | Conversion factor to SI | Common code |
|----|--|--------------------|-----------------------|------------------------------|----------------|
| | material. | | | | |
| X | wheel | 3.9 | | | WH |
| | wine gallon A unit of volume equal to 231 cubic inches. | 3.1 | | | WG |
| | working month A unit of time defining the number of working months. | 3.1 | | | WM |
| X | wrap | 3.3 | | | WR |
| | yard | 2 | yd | 0,914 4 m | YRD |
| | year | 2 | a | 3,155 76 x 10 ⁷ s | ANN |

Note 1.

Historically the code elements for units of packaging were specified in this UN/ECE Recommendation. The source of these codes is from UN/ECE Recommendation No. 21 (Codes for types of cargo, packages and packaging materials). Recommendation No. 21 is maintained independently of Recommendation 20. To avoid duplicate maintenance and to better facilitate the use of the latest code elements for units of packaging, the existing code entries in Recommendation 20 for units of packaging have been flagged for deletion. Users should reference UN/ECE Recommendation No. 21 for the applicable code entries to be used as units of measure. Accordingly the following guidelines should be followed.

a) The 2 character alphanumeric code values in UN/ECE Recommendation 21 shall be used. To avoid duplication with existing code values in UN/ECE Recommendation No. 20, each code value from UN/ECE Recommendation 21 shall be prefixed with an “X”, resulting in a 3 alphanumeric code when used as a unit of measure. For example:

| | | | |
|---------|-----------|---------------|--|
| Rec. 21 | Code: AE | Name: Aerosol | |
| Rec. 20 | Code: XAE | Name: Aerosol | Description: A unit of count defining the number of aerosols |

b) The description of the UN/ECE Recommendation 21 code entries when used as a unit measure shall be interpreted as have a description of “A unit of count defining the number of xxxxxxxxxxxs” where “xxxxxxxxxx” is the name of the code value in UN/ECE Recommendation 21, pluralized as appropriate.

c) Common code values for UN/ECE Recommendation 20 in the range of “X00” to “XZZ” shall be reserved for assignment as units of packaging derived from the code values specified in UN/ECE Recommendation 21.