

## Appendix A: Unit of Measure Descriptions

| BidBuy UOM | Technical          | Meas. Unit Text    | Unit of Measure Description |
|------------|--------------------|--------------------|-----------------------------|
| %          | %                  | %                  | Percentage                  |
| %O         | %O                 | %O                 | Per mille                   |
| °C         | °C                 | °C                 | Degrees Celsius             |
| °F         | °F                 | °F                 | Fahrenheit                  |
| μA         | μA                 | μA                 | Microampere                 |
| μF         | μF                 | μF                 | Microfarad                  |
| μGQ        | μg/m <sup>3</sup>  | μg/m <sup>3</sup>  | Microgram/cubic meter       |
| μL         | μl                 | μl                 | Microliter                  |
| μM         | μm                 | μm                 | Micrometer                  |
| 000        | m/min              | m/min              | Meter/Minute                |
| 22S        | mm <sup>2</sup> /s | mm <sup>2</sup> /s | Square millimeter/second    |
| A          | A                  | A                  | Ampere                      |
| ACR        | acre               | Acre               | Acre                        |
| AU         | AU                 | Activ.unit         | Activity unit               |
| BAG        | Bag                | Bag                | Bag                         |
| BAR        | bar                | bar                | bar                         |
| BQK        | Bq/kg              | Bq/kg              | Becquerel/kilogram          |
| BT         | Bt.                | Bottle             | Bottle                      |
| C3S        | cm <sup>3</sup> /s | cm <sup>3</sup> /s | Cubic centimeter/second     |
| CAN        | Can                | Canister           | Canister                    |
| CAR        | Car                | Carton             | Carton                      |
| CCM        | cm <sup>3</sup>    | cm <sup>3</sup>    | Cubic centimeter            |
| CD         | cd                 | cd                 | Candela                     |
| CD3        | dm <sup>3</sup>    | Cubic dec.         | Cubic decimeter             |
| CL         | Cl                 | Centiliter         | Centiliter                  |
| CM         | cm                 | cm                 | Centimeter                  |

|     |        |            |                           |
|-----|--------|------------|---------------------------|
| CM2 | cm2    | cm2        | Square centimeter         |
| CMH | cm/h   | cm/h       | Centimeter/hour           |
| CMS | cm/s   | cm/s       | Centimeter/second         |
| CRT | Crate  | Crate      | Crate                     |
| CV  | Case   | Case       | Case                      |
| D   | d      | Days       | Days                      |
| DEG | deg    | Degree     | Degree                    |
| DM  | dm     | dm         | Decimeter                 |
| DR  | Dr     | Drum       | Drum                      |
| DZ  | dz     | Dozen      | Dozen                     |
| EA  | EA     | each       | each                      |
| EML | EU/ml  | Enzyme/ml  | Enzyme Units / Milliliter |
| EU  | EU     | Enzy.Units | Enzyme Units              |
| F   | F      | F          | Farad                     |
| FOZ | foz US | Fld.oz US  | Fluid Ounce US            |
| FT  | Foot   | Foot       | Foot                      |
| FT2 | ft2    | Square ft  | Square foot               |
| FT3 | ft3    | Cubic ft   | Cubic foot                |
| G   | g      | g          | Gram                      |
| G/L | gai/l  | gai/liter  | gram act.ingrd / liter    |
| GAI | gai    | g act.ing. | Gram act. ingr.           |
| GAL | gal US | US gallon  | US gallon                 |
| GAU | GAU    | Gram Gold  | Gram Gold                 |
| GHG | g/hg   | g/hg       | Gram/hectogram            |
| GJ  | GJ     | Gigajoule  | Gigajoule                 |
| GKG | g/kg   | g/kg       | Gram/kilogram             |
| GLI | g/l    | g/l        | Gram/liter                |
| GM  | g/mol  | g/mol      | Gram/Mol                  |
| GM2 | g/m2   | g/m2       | Gram/square meter         |

|     |        |            |                          |
|-----|--------|------------|--------------------------|
| GM3 | g/m3   | g/m3       | Gram/Cubic meter         |
| GOH | GOhm   | GOhm       | Gigaohm                  |
| GPH | GPH US | Gal/hr US  | Gallons per hour (US)    |
| GPM | GPM US | Gal/Mi(US) | Gallons per mile (US)    |
| GRO | gro    | Gross      | Gross                    |
| H   | h      | Hour       | Hour                     |
| HA  | Hectar | Hectare    | Hectare                  |
| HL  | hl     | hl         | Hectoliter               |
| HPA | hPa    | hPa        | Hectopascal              |
| HZ  | Hz     | Hz         | Hertz (1/second)         |
| IB  | pF     | pF         | Pikofarad                |
| IN  | "      | Inches     | Inch                     |
| IN2 | Inch2  | Squar.inch | Square inch              |
| IN3 | Inch3  | Cubic inch | Cubic inch               |
| J   | J      | J          | Joule                    |
| JKG | J/kg   | J/kg       | Joule/Kilogram           |
| JKK | J/kgK  | J/(kg*K)   | Spec. Heat Capacity      |
| JMO | J/mol  | J/mol      | Joule/Mol                |
| K   | K      | K          | Kelvin                   |
| KA  | kA     | kA         | Kiloampere               |
| KAI | kgai   | kg ac.ing. | Kilogram act. ingr.      |
| KBK | kBq/kg | kBq/kg     | Kilobecquerel/kilogram   |
| KD3 | kg/dm3 | kg/dm3     | Kilogram/cubic decimeter |
| KG  | kg     | kg         | Kilogram                 |
| KGF | kg/m2  | kg/m2      | Kilogram/Square meter    |
| KGK | kg/kg  | kg/kg      | Kilogram/Kilogram        |
| KGM | kg/mol | kg/mol     | Kilogram/Mol             |
| KGS | kg/s   | kg/s       | Kilogram/second          |
| KGV | kg/m3  | kg/m3      | Kilogram/cubic meter     |

|     |        |           |                         |
|-----|--------|-----------|-------------------------|
| KHZ | kHz    | kHz       | Kilohertz               |
| KIK | kai/kg | kai/kg    | kg act.ingrd. / kg      |
| KJ  | KJ     | KJ        | Kilojoule               |
| KJK | KJ/kg  | KJ/kg     | Kilojoule/kilogram      |
| KJM | KJ/mol | KJ/mol    | Kilojoule/Mol           |
| KM  | km     | km        | Kilometer               |
| KM2 | km2    | km2       | Square kilometer        |
| KMH | km/h   | km/h      | Kilometer/hour          |
| KMK | m3/m3  | m3/m3     | Cubic meter/Cubic meter |
| KMN | K/min  | K/min     | Kelvin/Minute           |
| KMS | K/s    | K/s       | Kelvin/Second           |
| KOH | kOhm   | kOhm      | Kiloohm                 |
| KPA | kPa    | kPa       | Kilopascal              |
| KT  | kt     | kt        | Kilotonne               |
| KV  | kV     | kV        | Kilovolt                |
| KVA | kVA    | kVA       | Kilovoltampere          |
| KW  | KW     | KW        | Kilowatt                |
| KWH | kwh    | kwh       | Kilowatt hours          |
| L   | l      | l         | Liter                   |
| LB  | lb     | US pound  | US pound                |
| LHK | l/hkm  | l/100 km  | Liter per 100 km        |
| LMI | l/min  | l/min     | Liter/Minute            |
| LMS | l/m_s  | l/mol.s   | Liter/Molsecond         |
| LPH | L/hr   | Liter/hr  | Liter per hour          |
| M   | m      | m         | Meter                   |
| M%  | %(m)   | %(m)      | Percent mass            |
| M%O | %O(m)  | %O(mass)  | Per mille mass          |
| M/H | m/h    | m/h       | Meter/Hour              |
| M/L | Mol/l  | Mol/Liter | Mol per liter           |

|                  |                    |                     |                             |
|------------------|--------------------|---------------------|-----------------------------|
| M/M              | mol/m <sup>3</sup> | Mol/m <sup>3</sup>  | Mol per cubic meter         |
| M/S              | m/s                | m/s                 | Meter/second                |
| M-2              | 1/M <sup>2</sup>   | 1/M <sup>2</sup>    | 1 / square meter            |
| M <sup>2</sup>   | m <sup>2</sup>     | m <sup>2</sup>      | Square meter                |
| M <sup>2</sup> S | m <sup>2</sup> /s  | m <sup>2</sup> /s   | Square meter/second         |
| M <sup>3</sup>   | m <sup>3</sup>     | m <sup>3</sup>      | Cubic meter                 |
| M <sup>3</sup> D | m <sup>3</sup> /d  | m <sup>3</sup> /day | Cubic meter/day             |
| M <sup>3</sup> H | m <sup>3</sup> /h  | m <sup>3</sup> /h   | Cubic meter/Hour            |
| M <sup>3</sup> S | m <sup>3</sup> /s  | m <sup>3</sup> /s   | Cubic meter/second          |
| MA               | mA                 | mA                  | Milliampere                 |
| MBA              | mbar               | mbar                | Millibar                    |
| MBZ              | m.b_/s             | m.bar/s             | Meterbar/second             |
| MEJ              | MJ                 | MJ                  | Megajoule                   |
| MG               | mg                 | mg                  | Milligram                   |
| MGE              | mg/cm <sup>2</sup> | mg/cm <sup>2</sup>  | Milligram/Square centimeter |
| MGG              | mg/g               | mg/g                | Milligram/gram              |
| MGK              | mg/kg              | mg/kg               | Milligram/kilogram          |
| MGL              | mg/l               | mg/l                | Milligram/liter             |
| MGO              | MOhm               | MOhm                | Megohm                      |
| MGQ              | mg/m <sup>3</sup>  | mg/m <sup>3</sup>   | Milligram/cubic meter       |
| MGW              | MW                 | MW                  | Megawatt                    |
| MHV              | MV                 | MV                  | Megavolt                    |
| MHZ              | MHz                | MHz                 | Megahertz                   |
| MI               | mile               | Mile                | Mile                        |
| MI <sup>2</sup>  | Mile <sup>2</sup>  | Sq. mile            | Square mile                 |
| MIJ              | mJ                 | mJ                  | Millijoule                  |
| MIN              | min                | min.                | Minute                      |
| MIS              | μs                 | μs                  | Microsecond                 |
| ML               | ml                 | ml                  | Milliliter                  |

|     |                   |                   |                         |
|-----|-------------------|-------------------|-------------------------|
| MLI | mlai              | ml act.in.        | Milliliter act. ingr.   |
| MLK | ml/m <sup>3</sup> | ml/m <sup>3</sup> | Milliliter/cubic meter  |
| MM  | mm                | mm                | Millimeter              |
| MM2 | mm <sup>2</sup>   | mm <sup>2</sup>   | Square millimeter       |
| MM3 | mm <sup>3</sup>   | mm <sup>3</sup>   | Cubic millimeter        |
| MMA | mm/a              | mm/a              | Millimeter/year         |
| MMG | mmol/g            | mmol/g            | Millimol/gram           |
| MMH | mm/h              | mm/h              | Millimeter/hour         |
| MMK | m_/kg             | mmol/kg           | Millimol/kilogram       |
| MMO | mmol              | mmol              | Millimol                |
| MMS | mm/s              | mm/s              | Millimeter/second       |
| MN  | MN                | MN                | Meganewton              |
| MNM | mN/m              | mN/m              | Millinewton/meter       |
| MOK | mol/kg            | mol/kg            | Mol/kilogram            |
| MOL | mol               | mol               | Mol                     |
| MON | Months            | Months            | Months                  |
| MPA | MPa               | MPa               | Megapascal              |
| MPB | ppb(m)            | ppb(m)            | Mass parts per billion  |
| MPG | MPG US            | Mi/Gal(US)        | Miles per gallon (US)   |
| MPM | ppm(m)            | ppm(m)            | Mass parts per million  |
| MPS | mPa.s             | mPa.s             | Millipascal seconds     |
| MPT | ppt(m)            | ppt(m)            | Mass parts per trillion |
| MPZ | m.Pa/s            | m.Pa/s            | Meterpascal/second      |
| MS2 | m/s <sup>2</sup>  | m/s <sup>2</sup>  | Meter/second squared    |
| MSE | ms                | ms                | Millisecond             |
| MTE | mT                | mT                | Millitesla              |
| MV  | mV                | mV                | Millivolt               |
| MVA | MVA               | MVA               | Megavoltampere          |
| MW  | mW                | mW                | Milliwatt               |

|     |        |            |                          |
|-----|--------|------------|--------------------------|
| MWH | MWh    | MWh        | Megawatt hour            |
| N   | N      | N          | Newton                   |
| NA  | nA     | nA         | Nanoampere               |
| NAM | nm     | nm         | Nanometer                |
| NI  | ND     | ND         | Kilonewton               |
| NM  | N/m    | N/m        | Newton/meter             |
| NMM | N/mm2  | N/mm2      | Newton/Square millimeter |
| NS  | ns     | ns         | Nanosecond               |
| OCM | Ohcm   | Ohm*cm     | Spec. Elec. Resistance   |
| OHM | Ohm    | Ohm        | Ohm                      |
| OM  | Ohmm   | Ohm*m      | Spec. Elec. Resistance   |
| ONE | One    | One        | One                      |
| OZ  | oz     | Ounce      | Ounce                    |
| P   | P      | Points     | Points                   |
| PA  | Pa     | Pa         | Pascal                   |
| PAA | PAIR   | Pair       | Pair                     |
| PAC | PAC    | Pack       | Pack                     |
| PAL | PAL    | Pallet     | Pallet                   |
| PAS | Pas    | Pascal sec | Pascal second            |
| PMI | 1/min  | 1/min      | 1/minute                 |
| PMR | kg/m2s | kg/m2*s    | Permeation Rate SI       |
| PRC | PrC    | Group prop | Group proportion         |
| QML | kmol   | kmol       | Kilomol                  |
| RF  | mF     | mF         | Millifarad               |
| R-U | nF     | nF         | Nanofarad                |
| S/M | S/m    | Siemens/m  | Siemens per meter        |
| TOM | t/m3   | t/m3       | Ton/Cubic meter          |
| VAM | VAM    | VA         | Voltampere               |
| YR  | yr     | Year       | Years                    |

