Australian Government

National Measurement Institute

# NMI P 101

# Symbols for Units of Measurement

| | | |
|---|---|---|
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| Second Edition | — | October 1987 (Document 110) |
| Third Edition | — | February 1993 (Document 110) |
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The following symbols have been selected from the schedules of the National Measurement Regulations for use in the marking of trade measuring instruments.

**LENGTH**

| | |
|---|---|
| metre | m |
| centimetre | cm |
| millimetre | mm |

**MASS**

| | |
|---|---|
| tonne | t |
| kilogram | kg |
| gram | g |
| milligram | mg |
| metric carat | CM, ct |

**VISCOSITY**

| | |
|---|---|
| millipascal second | mPa.s |
| square millimetre per second | $mm^2/s$ |

**FREQUENCY**

| | |
|---|---|
| hertz | Hz |
| kilohertz | kHz |
| megahertz | MHz |

**PRESSURE**

| | |
|---|---|
| pascal | Pa |
| kilopascal | kPa |
| megapascal | MPa |

**UNIT PRICE**

| | |
|---|---|
| dollar per tonne | $/t |
| dollar per kilogram | $/kg |
| dollar per gram | $/g |
| cent per kilogram | c/kg |
| dollar per cubic metre | $/m^3$ |
| dollar per megalitre | $/ML |
| dollar per kilolitre | $/kL |
| dollar per litre | $/L |
| dollar per decilitre | $/dL |
| dollar per centilitre | $/cL |
| dollar per millilitre | $/mL |
| cent per litre | c/L |

**DENSITY**

| | |
|---|---|
| kilogram per cubic metre | $kg/m^3$ |
| kilogram per litre | kg/L |

**FORCE**

| | |
|---|---|
| newton | N |
| kilonewton | kN |

**AREA DENSITY**

| | |
|---|---|
| gram per square metre | $g/m^2$ |

**AREA**

| | |
|---|---|
| square metre | $m^2$ |
| square decimetre | $dm^2$ |

**VOLUME**

| | |
|---|---|
| cubic metre | $m^3$ |
| megalitre | ML |
| kilolitre | kL |
| litre | L |
| decalitre | daL |
| decilitre | dL |
| centilitre | cL |
| millilitre | mL |

**TEMPERATURE**

| | |
|---|---|
| degree Celsius | ºC |
| Kelvin | K |

**TIME**

| | |
|---|---|
| hour | h |
| minute | min |
| second | s |

**ROTATIONAL FREQUENCY**

| | |
|---|---|
| revolution per second | r/s |
| revolution per minute | r/min |

**ELECTRICAL QUANTITIES**

| | |
|---|---|
| volt | V |
| ampere | A |
| ohm | Ω |
| watt | W |
| kilowatt hour | kW.h |

**FLOW RATE**

| | |
|---|---|
| cubic metre per hour | $m^3/h$ |
| litre per minute | L/min |
| tonne per hour | t/h |

**SPEED**

| | |
|---|---|
| kilometre per hour | km/h |
| metre per second | m/s |