

Appendix 7: **SI units**

1. *Base units*

Physical quantity	Name	Abbreviation or symbol
length	metre	m
mass	kilogram	kg
time	second	s
electric current	ampere	A
temperature	kelvin	K
amount of substance	mole	mol
luminous intensity	candela	cd

2. *Supplementary units*

Physical quantity	Name	Abbreviation or symbol
plane angle	radian	rad
solid angle	steradian	sr

3. *Derived units with special names*

Physical quantity	Name	Abbreviation or symbol
frequency	hertz	Hz
energy	joule	J
force	newton	N
power	watt	W
pressure	pascal	Pa
electric charge	coulomb	C
electromotive force	volt	V
electric resistance	ohm	–
electric conductance	siemens	S
electric capacitance	farad	F
magnetic flux	weber	Wb
inductance	henry	H
magnetic flux density	tesla	T
luminous flux	lumen	lm
illumination	lux	lx