

**APPENDIX D**  
**UNIT CONVERSION TABLES**  
**SI SYMBOLS AND PREFIXES**

<b>BASE UNITS</b>		
Quantity	Unit	Symbol
Length	Meter	m
Mass	Kilogram	kg
Time	Second	s
Electric current	Ampere	A
Thermodynamic temperature	Kelvin	K
Amount of substance	Mole	mol
Luminous intensity	Candela	cd

<b>SI SUPPLEMENTARY UNITS</b>		
Quantity	Unit	Symbol
Plane angle	Radian	rad
Solid angle	Steradian	sr

<b>SI PREFIXES</b>			
Multiplication Factor	Prefix	Symbol	
1 000 000 000 000 000 000 = 10 <sup>18</sup>	exa	E	
1 000 000 000 000 000 = 10 <sup>15</sup>	peta	P	
1 000 000 000 000 = 10 <sup>12</sup>	tera	T	
1 000 000 000 = 10 <sup>9</sup>	giga	G	
1 000 000 = 10 <sup>6</sup>	mega	M	
1 000 = 10 <sup>3</sup>	kilo	k	
100 = 10 <sup>2</sup>	hecto	h	
10 = 10 <sup>1</sup>	deka	da	
0.1 = 10 <sup>-1</sup>	deci	d	
0.01 = 10 <sup>-2</sup>	centi	c	
0.001 = 10 <sup>-3</sup>	milli	m	
0.000 001 = 10 <sup>-6</sup>	micro	μ	
0.000 000 001 = 10 <sup>-9</sup>	nano	n	
0.000 000 000 001 = 10 <sup>-12</sup>	pico	p	
0.000 000 000 000 001 = 10 <sup>-15</sup>	femto	f	
0.000 000 000 000 000 001 = 10 <sup>-18</sup>	atto	a	