

APPENDIX B

TABLE B.1

Converting Metric Units to Imperial

Length		Area	
1 millimetre (mm)	0.04 inch	1 square centimetre (cm ²)	0.16 square inch
1 centimetre (cm)	0.40 inch	1 square metre (m ²)	10.77 square feet 1.20 square yards
1 metre (m)	39.40 inches 3.28 feet 1.09 yards	1 square kilometre (km ²)	0.39 square mile
1 kilometre (km)	0.62 mile	1 hectare (ha)	107,636 square feet 2.5 acres
Volume		Volume (Dry)	
1 millilitre (ml)	0.035 fluid ounce	1 cubic centimetre (cm ³)	0.061 cubic inch
1 litre (L)	1.76 pints 0.88 quarts 0.22 gallons (Imp) 0.26 gallons (U.S.)	1 cubic metre (m ³)	1.31 cubic yards 35.31 cubic feet
		1,000 cubic metre (m ³)	0.81 acre-foot
		1 hectolitre (hl)	2.8 bushels
Weight		Speed	
1 gram (g)	0.035 ounce	1 metre per second	3.28 feet per second
1 kilogram (kg)	2.21 pounds	1 metre per second	2.24 miles per hour
1 tonne (t)	1.10 short tons	1 kilometre per hour	0.62 miles per hour
1 ton (t)	2,205 pound		
Pressure		Temperature	
1 kilopascal (kPa)	0.15 pounds/sq. in	°F = (°C x 9/5) + 32	
		°C = (°F - 32) x 5/9	

TABLE B.2**Converting Imperial Units to Metric**

Length		Volume (Dry)	
inch	2.54 cm	cubic yard	0.76 m ³
foot	0.30 m	bushel	36.37 L
yard	0.91 m		
mile	1.61 km		
Area		Volume (Liquid)	
square foot	0.09m ²	fluid ounce (Imp)	28.41 millilitre (ml)
square foot	0.84 m ²	pint (Imp)	0.57 L
acre	0.40 ha	gallon (Imp)	4.55 L
		gallon (U.S.)	3.79 L
Weight		Pressure	
ounce	28.35 g	pounds per sq. inch	6.90 kPa
pound	453.6 g	ton	0.91 tonne