

APPENDIX E

METRIC CONVERSION

IMPERIAL		METRIC		
Units of Measure	Conversion	Units of Measure Factor		Units of Measure Codes
Mass				
Ounce	28.34952	Gram		GRM
Ounce	0.02835	Kilogram		KGM
Pound	0.45359	Kilogram		KGM
Pound	0.0004535	Metric Ton		TNE
Hundred Weight	45.35923	Kilogram		KGM
Hundred Weight, Air Dried	45.35923	Kilogram of Substance 90% Air Dried		KSD
Hundred Weight	0.04536	Metric Ton		TNE
Short Ton (2000 lb.)	0.907185	Metric Ton		TNE
Long or Gross Ton (2240 lb.)	1.016047	Metric Ton		TNE
Troy Ounce	0.03110	Kilogram		KGM
Area				
Square Inch	6.4516	Square Centimetre		CMK
Square Inch	0.00065	Square Metre		MTK
Square Foot	0.09290	Square Metre		MTK
Square Yard	0.83613	Square Metre		MTK
Roof Square (100 Square Feet) (Quantity of Wooden Shakes/ Shingles to Cover 100 Square Foot Area)	9.29030	Square Metre		MTK
Board Foot (Lumber)	0.002359	Cubic Metre		MTQ
Thousand Board Feet (Lumber)	2.35974	Cubic Metre		MTQ
Board Foot (Logs)	0.00453	Cubic Metre		MTQ
Thousand Board Feet (Logs)	4.53	Cubic Metre		MTQ

IMPERIAL		METRIC		
Units of Measure	Conversion	Units of Measure Factor	Units of Measure Codes	
Area – cont.				
Square Feet of 1/8” Plywood (3.18 mm)	0.000295	Cubic Metre		MTQ
Square Feet of 1/4” Plywood (6.35 mm)	0.00059	Cubic Metre		MTQ
Square Feet of 3/8” Plywood (9.53 mm)	0.00088	Cubic Metre		MTQ
Square Feet of 1/2” Plywood (12.7 mm)	0.00118	Cubic Metre		MTQ
Square Feet of 5/8” Plywood (15.88 mm)	0.00148	Cubic Metre		MTQ
Square Feet of 3/4” Plywood (19.05 mm)	0.00178	Cubic Metre		MTQ
Cubic Foot	0.02832	Cubic Metre		MTQ
Cubic Yard	0.76455	Cubic Metre		MTQ
Volume				
Barrel (Oil, 42 U.S. Gallons)	0.15899	Cubic Metre		MTQ
Cord (Peeled)	2.69030	Cubic Metre		MTQ
Cord (Unpeeled)	2.40690	Cubic Metre		MTQ
Gallon	0.04546	Hectolitre		HLT
Gallon	4.54609	Litre		LTR
Proof Gallon	2.60539	Litre of Absolute Alcohol		LPA