

## METRIC/ENGLISH EQUIVALENTS and CONVERSION FACTORS

### EQUIVALENTS:

- One Kilogram = 2.2046 pounds
- One thousand = One (1) Metric Ton
- One Pound = 0.4536 Kilograms
- Two Thousand (2000) Pounds = 907.2 Kilograms
- One (1) Cubic Meter = 35.3145 cubic feet
- One (1) Cubic Foot = 0.028317 cubic meters
- One (1) Meter = 39.370 inches or 3.2809 Feet
- One (1) Centimeter = 0.3937 inches
- One (1) Inch = 2.540 Centimeters
- One (1) Foot = 0.30479 Meters or 30.48 Centimeters

### CONVERSION FACTORS:

**Apply the following factors when converting from and to the Metric System:**

| TO CONVERT       | TO             | MULTIPLY BY           |
|------------------|----------------|-----------------------|
| Cubic Feet       | Cubic Meters   | 0.028317              |
| Cubic Meters     | Cubic Feet     | 35.3145               |
| Short Tons       | Metric Tons    | 0.9072                |
| Metric Tons      | Short Tons     | 1.102                 |
| Pounds           | Kilograms      | 0.4536                |
| Kilograms        | Pounds         | 2.2046                |
| Centimeters      | Inches         | 0.3937                |
| Feet             | Meters         | 0.3048                |
| Inches           | Centimeters    | 2.54                  |
| Inches           | Meters         | 0.0254                |
| Meters           | Feet           | 3.201                 |
| Meters           | Inches         | 39.37                 |
| F (Fahrenheit)   | C (Celsius)    | $(F-32) \times 5/9$   |
| C (Celsius)      | F (Fahrenheit) | $(C \times 9/5) + 32$ |
| Long Tons        | Metric Tons    | 1.016                 |
| Metric Tons      | Long Tons      | 0.9842                |
| Measurement Tons | Cubic Meters   | 1.1327                |