Abbreviations and Conversions

Common Abbreviations

MMCF=million cubic feet
MMBtu=million British thermal units
gal=gallon
gr=grains
bu= bushels
SIC=Standard Industrial Classification
NAICS=North American Industrial Classification System
scf=Standard Cubic Foot (Feet)
dscf=Dry Standard Cubic Foot (Feet)
SCFM=Standard Cubic Feet per Minute
ACFM=Actual Cubic Feet per Minute
SCC=Source Classification Code
$PM_{2.5}$= Particulate Matter with an aerodynamic diameter less than or equal to 2.5 microns
PM_{10}=Particulate Matter with an aerodynamic diameter less than or equal to 10 microns
NO_X= Nitrogen Oxides
SO_2= Sulfur Dioxide
VOC=Volatile Organic Compounds
CO= Carbon Monoxide
HAP=Hazardous Air Pollutants

Heating Conversions

Note the source for all fuels listed is AP-42 Appendix A (http://www.epa.gov/ttn/chief/ap42/appendix/appa.pdf)
Natural Gas: 1 MMCF=1,050 MMBtu
Propane: 1 gal=0.0905 MMBtu
Fuel Oil #2: 1 gal. =0.1385 MMBtu
Waste Oil: 1 gal. =0.125 MMBtu
Gasoline: 1 gal. =0.125 MMBtu
Diesel: 1 gal. =0.137 MMBtu
Wood (40% moisture): 1 ton=10.4 MMBtu
Anthracite Coal: 1 lb. =0.0123 MMBtu; 1 ton=24.6 MMBtu
Bituminous Coal: 1 lb. =0.013 MMBtu; 1 ton=26 MMBtu

Conversions

Note: The source of all the conversions, except for soybeans, is AP-42 Appendix A. The source of the soybeans is USDA Economic Research Service Agricultural Handbook# 697 Weight, Measures, and Conversion Factors for Agricultural Commodities and Their Products (Page 16)

1 year=365 days; 8,760 hrs.
1 day=24 hrs.
1 ton=2,000 lbs.
1lb. =7,000 gr.
1 gal (water)=8.345 lbs.
1 gal (gasoline)=6.17 lbs.
1 gal (residual oil) =7.88 lbs.
1 bu (corn) = 56 lbs.
1 bu (soybeans) =60 lbs.