



ALTAIR® 4X Multigas Detector Cross Reference Factors Addendum

Combustible Gas - Cross Reference Factors for ALTAIR 4X General-Purpose Calibration Using Calibration Cylinder (P/N 10045035) Set to 58% LEL

Combustible Gas	Multiply Reading By:
Acetylene	0.6
Butane	0.7
Cyclohexane	0.9
Diethylether	0.7
Ethane	0.6
Ethanol	0.6
Ethylene	0.5
Gasoline	0.9
n-Hexane	0.9
Hydrogen	0.6
Isopropyl Alcohol	0.9
Methane (5.0 Vol%)	0.5
Methanol	0.5
Pentane Simulant	1.0
Pentane	0.7
Propane (2.1 Vol%)	0.6
Toluene	1.0
Xylene	2.5

Response Notes:

1. For an instrument calibrated on Pentane Simulant, multiply the displayed %LEL value by the conversion factor at left to get the true %LEL.
2. These conversion factors should be used only if the combustible gas is known.
3. These conversion factors are typical. Individual units may vary by $\pm 25\%$ from these values.
4. The results are intended for guidance only. For the most accurate measurements, an instrument should be calibrated using the gas under investigation.