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## BACK TO BASICS: FIRE AND WATER (Correction)

By Richard Schulte

An article published on this webpage on August 8, 2010 titled “*Back to Basics: Fire and Water*” contained a fundamental error in units. The second paragraph on Page 3 of the article should read as follows:

“The latent heat of vaporization of water, the amount of heat energy required to convert water at its boiling point to steam, is 970.4 Btu/pound of water. Given that the density of water is 62.4 pounds per cubic foot and a cubic foot is equivalent to 7.48 gallons, the amount of heat energy required to convert a pound [gallon] of water (at 212°F) to steam is 8,095.3 Btu. In other words, the latent heat of vaporization of water is roughly 8,000 Btu per gallons [gallon].”

Oops, please accept my apologies.

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