

TERMINOLOGY (cont'd)

VAPOR

A vapor is also a gas, therefore all gas laws and definitions are applicable. In our field however, the vapor may condense from the gaseous to the liquid state.

VAPOR PRESSURE

The absolute pressure (at a given temperature) at which a liquid will change to a vapor.

Vapor pressure is best expressed in units of psi absolute (psia). Each liquid has its own vapor pressure-temperature relationship.

VELOCITY HEAD

The energy in a fluid due to its velocity, expressed as a head unit.

VISCOSITY

The viscosity of a fluid is a measure of its tendency to resist a shearing force. High viscosity fluids require a greater force to shear at a given rate than low viscosity fluids.



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