

Salient Points

- 1) Virtually all of the high-volume lithographic presses manufactured utilize the dominant *Water-First, Direct to Plate* separate dampening roller train. All other dampening systems e.g. I.T.D. (Ink Train Dampening) suffers significant *Water Interference* problems with transfer of ink to the plate.
- 2) Emulsified ink is useless for dampening the non-image areas.
- 3) Acid fountain solutions (pH 4.8 – 5.3) aid the *Adsorption* of desensitizing materials to the plate surface.

