



TECHNICAL BULLETIN *Photochemical Reactivity*

Origin: Southern California Air Quality Management District Rule 102 circa 1985. The rule was an attempt at trying to prevent air pollution in the lower atmosphere (smog). The rule has since been superseded by several new air quality rules.

Definition: A photochemically reactive material means any liquid organic material with an aggregate of more than 20% of its total volume comprised of the chemical compounds classified below or which exceed any of the following individual percentage composition limitations.

For purposes of our discussion, the impact items for press washes are as follows:

- 1) A combination of aromatic hydrocarbons with eight or more carbon atoms to the molecule except ethylbenzene...8%.
- 2) A combination of ethylbenzene, ketones having branched hydrocarbon structures, trichloroethylene or toluene...20%.

Tower roller and blanket washes that are not photochemically reactive:

California UV Wash

Exempt Wash HF

LO-VO Wash 50

LO-VO Wash ELT-30

Infinity Wash HMK-1 WM

Speedy Wash

LO-VO Wash 2000 Auto /QW

WOW Exempt WM

Fast Dry Exempt Wash

Infinity Wash HMK UV