

TROUBLESHOOTING FOR SHEETFED AND WEB PRESSES

TINTING : A light tint of the colour being printed is seen in the non-image background areas.

CAUSES

1. Plate not exposed or processed properly.
2. Solvent left in the rollers after wash-up.
3. Dampening solution contaminated.
4. Form rollers oscillating on the plate.
5. Incorrect roller settings.
6. Ink breaking down.

REMEDIES

1. Check exposure element on the plate. Check processor chemistry. Clean and replace if necessary.
2. Leave wash-up blade on until all solvent is removed from the rollers. Use water as the last step of the wash-up. Leave press run for a couple of minutes after the wash-up to allow solvent vapours to dissipate.
3. Flush dampening circulation system and mix fresh dampening solution. Check pH and conductivity.
4. Assure that form rollers are locked or shimmed properly to prevent sideways movement. The last form roller especially, will cause tinting part way up the plate.
5. Check and reset to manufacturer's specs.
6. Check pH and conductivity of fountain solution. Check amount of alcohol or alcohol substitute in the solution. Check for contamination in the ink train.