

This procedure is a guideline to help ensure a smooth transition from one manufacturer's processing chemicals to another or from one type to another even if the supplier has not changed.

Before Processor Shutdown

Check to ensure the reference step of the process control strip is within operating parameters . It may be best to repeat the process control procedure twice to check for consistency before changing out the old and installing the new. If you do not have a sensitometer and are using pre-exposed control strips, monitor the LD and RD steps. If the reference step is not within limits determine the reason and make the appropriate adjustments until they are. (Check production work to determine if the control strips could be the error.

Document the Reference density of the control strip _____ at step_____

Note: Fresh developer will cause a higher density. Season new chemistry or save a gallon of old developer to mix with new before running control strips.

When this is confirmed, do the following:

Processor Conversion

1. ** Turn Off the heater Elements.
2. Drain the processor and replenishment system.
3. Remove the processor filters.
- Reinstall filter housing but DO NOT install new filters yet
4. Hose down, scrub and clean processor tanks and rollers as needed
If need be, due to heavy silver buildup, use Imagelink Developer Systems Cleaner.
5. Fill the processor and replenishment system with clean hot water
6. Recirculate the water in the tanks for 30 min.
- Turn on transport drive and set the transport speed to 0 to run water through the replenishment system.

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7. Drain the replenishment system and fill with the appropriate chemicals at the specified dilution ratios for the chemistry being used.
Microfilm Developer 1:7
(To check for proper mixing specific gravity should be: 1.045-1.055)

Microfilm Fixer 1:3
(To check for proper mixing specific gravity should be: 1.085-1.105)
 8. Set up the replenisher to deliver the proper amount of working solution based on film width, type and transport speed according to manufactures manual or Pamphlet D-30 if processing conventional films.
 9. Drain the processor.
 10. Install new filters in the processor recirculating pumps.
 11. Fill processor tanks with the appropriate chemicals at the specified dilution ratios for the chemistry being used. Use the replenishment system to fill the tanks if possible.
 12. Recirculate and allow processor to come to specified temperature.
** Remember to turn on heater elements.
 13. After verifying temperature is stable Set transport speed for the appropriate dwell time.
 14. In the dark room splice together and then process:
 - 5 Customer control strips
 15. Document the average of the following:
 - reference density step _____ at step_____
 16. Adjust transport speed until this reading is +/- .02 of the reference density documented before dumping the original chemicals.

Note: For additional information see [D-17 Control Procedures for Source Document Microfilm Processing](#)