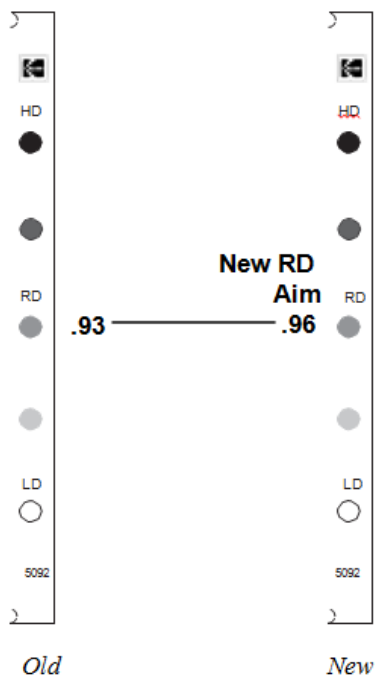


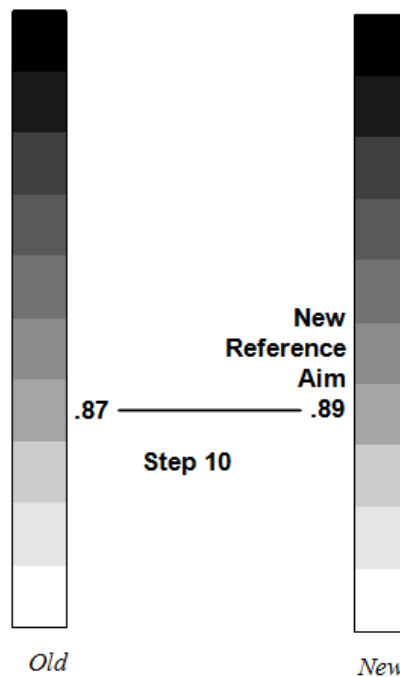
*When a roll of control strips (either pre-exposed or PCE) is nearly exhausted, a new roll should be put into use. Performing a crossover from the current control strip batch in use is done because the new batch of control strip emulsion may not produce the same densities as the current batch. If a crossover is not performed, the variations from control batch to batch could result in improper adjustment of the processor and produce poor quality (low or high density) film as a result.*

*This procedure should be followed to correlate the new control strip density to the old.*

- 1. With existing control strips or Process Control Emulsion, verify the processor is in control and meets current aims. Take corrective action if necessary.*
- 2. Splice together 3 control strips or sensitometer exposures of the current batch with 3 from the new and process.*
- 3. Measure the density of the RD value of the pre- exposed control strip or the aim step density of the sensitometer exposure for both the new and old strips.*
- 4. Verify that the old batch is within tolerances*
- 5. The new RD value or sensitometer aim step density is now the new control aim.*
- 6. Perform steps 1 – 4 for each processor in use.*
- 7. This crossover and new densities should be noted on the process control chart and/or a new chart should be started for each processor.*



*IMAGELINK Pre-exposed Control Strips*



*Sensitometer Exposure on Process Control Emulsion (PCE)*

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