

# PROCESSING BLACK AND WHITE FILM

## 1. BE PREPARED

- Figure out your developing time and temperature (based on three things: the type of film, the developer, and how much expansion or contraction you need).
- Make sure that your fixer is not exhausted, and prepare all other chemicals.

## 2. LOAD THE FILM

- In complete darkness, use a bottle opener to pry off the flat side of the film canister.
- Push the film out. Cut the film leader flat and start rolling it onto the reel.
- Once the film is fully rolled, cut the spool off of the back end of the film.
- Place the reel into the tank, and completely close both lids on the tank.

## 3. PRE-WASH

- Make sure water is at the right temperature. Open the topmost cap (not the whole lid!!!), and fill it with water. Close the cap. Agitate for 30 seconds and pour down the drain.

## 4. DEVELOP

- Make sure your developer is at the right temperature. Start timing immediately after you finish pouring the developer: *Initial Agitation: 30 sec. Tap and Wait 30 sec, Agitate 5 sec, Tap and Wait 30 sec, Agitate 5 sec, Tap and Wait 30 sec, Agitate 5 sec...*
- 15 seconds before your time runs out, dump the used developer down the drain and immediately pour water into the tank. Your developing time will be complete when you finish filling the tank with water.

## 5. STOP

- Fill the tank with water and agitate for 30 sec. Dump in sink.

## 6. FIX

- Start timing after you finish pouring the fixer (a.k.a. hypo) into the tank.
- Agitate exactly the same way as you did for developer. (usually 5-6 minutes total)
- When your time runs out, **POUR THE FIXER BACK WHERE YOU GOT IT FROM. IMPORTANT: DO NOT DUMP FIXER DOWN THE DRAIN!**
- Fill the tank with water a couple of times. Open it to see your film (but don't remove film from reel). If the film looks cloudy/pink, fix it for another minute.

## 7. ELIMINATE THE HYPO

- Place the reel in hypo clearing agent. (5 min)

## 8. WASH

- Place the reel a Hurricane Washer. (at least 10 min)

## 9. WETTING AGENT

- Dunk the reel in Photo-Flo for 30 seconds.

## 10. DRY

- Remove the film from the reel and squeegee it.
- *Turn the film drier off before opening.* Hang the film, and clip something to the bottom to weigh it down. Rinse the tank and reel really really well, and place them in the other drying cabinet.
- After 20 min. touch the bottom end of the film. If it is dry, cut it into strips of 5 and file. Return tank and reel.