TEM NEGATIVE DEVELOPMENT - ARKAY UNIT

1) Sign Logbook. New chemicals are needed if more than 250 negatives have been processed since fresh chemicals were prepared

2) Turn on sodium vapor light (allow 10 min warm up before opening film box)

3) Turn on water jacket inlet valve (Do not adjust temperature setting!)

4) Open nitrogen cylinder tank valve (Top of the tank not the regulator valve)

5) Load film into hangers and load hangers into hanger rack

6) Set (black) timer to 4 min

7) Place hanger rack into developer, press white timer button, switch gas burst switch to Timed

8) Reset timer with black button, switch gas burst Off

9) Transfer hanging rack to wash tank ≠ Drain developer back into tank ≠ turn on wash water, wash for 2 min

10) Set timer to 5 min, place hanging rack into fixer, start timer, and switch gas burst to Timed

11) Check that no milkyness remains on negatives (extend fixer time if needed )

12) Drain fixer back into tank and transfer to wash tank for 2 min (Lights on)

13) Transfer to hypoclear for 5 min with timed gas burst

14) Drain hypoclear back into tank, and wash for 10 min

15) Transfer negatives to lucite holder

16) Dip rack into photoplo for 30 sec

17) Allow negatives to dry, 2-3 hours


Wipe down unit with wet sponge and dry! Record number of negatives in record book!