Tennelec Proportional Counter

1. Tennelec Sample Preparation
   a. Place each sample on steel planchette (secure each filter paper with a piece of double-stick tape) and insert each planchette into a numbered black plastic carrier.
   b. Record the appropriate carrier number (listed on the side)
   c. If any other samples are present in the sample queue (right side column), remove all samples from the queue.
      i. The “Daily Background” and “Daily P-Check” carriers should not be removed. They are labeled “J” and “B” respectively. **NOTE:** The lettered carrier is a place holder while the actual standard is the carrier after it.
      ii. Choose a lettered group carrier for the weekly swipes and place in front of all HRC Swipes.
      iii. Ensure that an “End” carrier is placed at the end of all of the swipes (no metal planchette is necessary for this place holder).

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END 27 6 GROUP J 3 GROUP B 40 GROUP A 22 Etc. END
Daily Background  Daily P-Check  HRC Swipes
Graphic representation of sample queue. Red Cells will not be removed.
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2. Tennelec Operation
   a. Open Eclipse icon on desktop
   b. When prompted for password, just hit “ENTER”
   c. Analysis Methods
      i. Click on green “GO” button on toolbar (alternately, select Count→Go from menu).
      ii. Select “Daily Background”, confirm carrier letter is “J”, and then “OK”
iii. Repeat Step “i”.

iv. Select “Daily pckeck”, confirm carrier letter is “B”, and then “OK”.

v. Repeat Step “i”.
vi. Select Procedure, select the appropriate carrier letter, and then “OK”.

d. Report will print at the end of every method run (except “Daily P-Check”).

3. Finishing
   a. After run is completed, remove all samples from sample queue.
   b. Discard any clean swipes
   c. Replace black carriers and planchettes in storage cabinet
   d. Replace “End” carrier in sample queue.