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Now that your plotting is nearly complete, what are you beginning to notice?

Some things that you may wish to look at include:

- 1. Does the KPC data fall mostly within the specification limits that have been set at this point? If not, how often is it going out?
- 2. At what level are most of the points concentrated in? Or where does the mean appear to be?
- 3. How much variation is there?
- 4. Is there any trend or pattern?

Here you could remind them briefly of some control chart concepts such as periodicity, but not in any detail.

Jot down in your Participant Notes a few of your observations that you may share these with the group later.



Great work! Let's share what we've observed for each KPC...

Show PowerPoint Slide 2-10-"Solids".

Ask a group that did Solids to begin. Allow the group several minutes to give their observation. Reinforce correct understanding.

We see that data for the solids appears random, that is there are no apparent patterns. However, more of the points are below the target line than above, so the mean is below the set point. It will need to be slightly adjusted.

Show PowerPoint Slide 2-11-"pH".

Ask a group that did pH to discuss their observations. Reinforce correct understanding.

Notice that the pH is within the initial specification limits but that it is not well centered. We may need to adjust this.

Show PowerPoint Slide 2-12-"Viscosity".

Ask a group that did Viscosity to discuss their observations. Reinforce correct understanding.

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