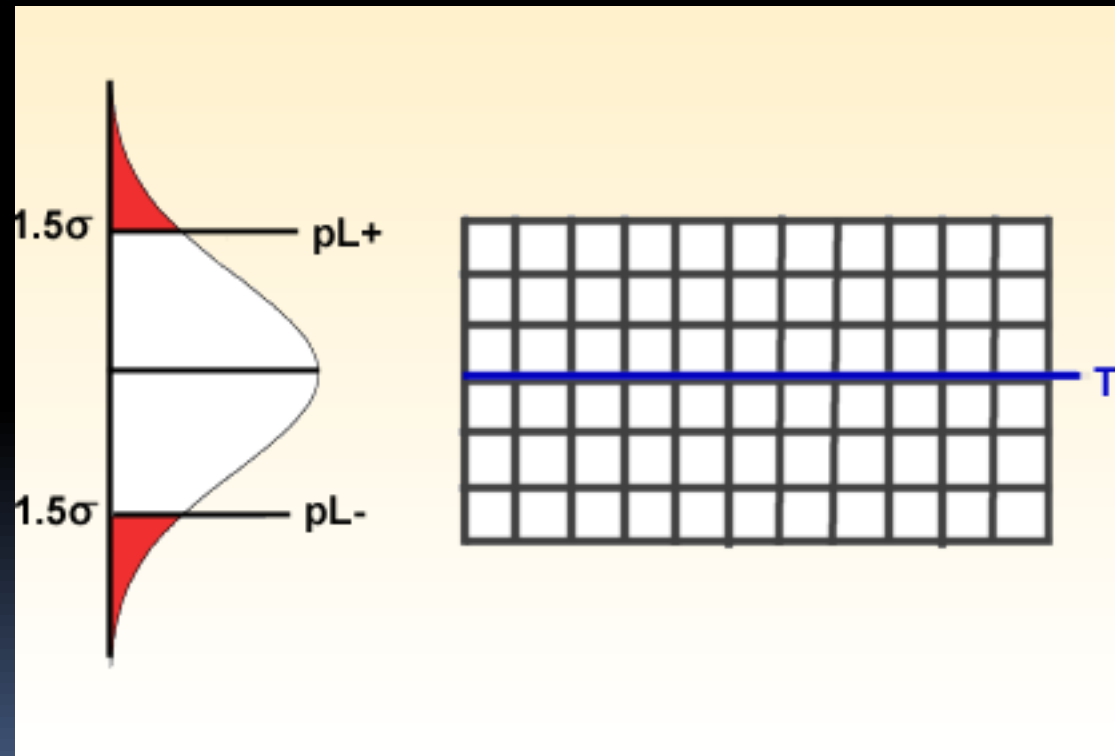


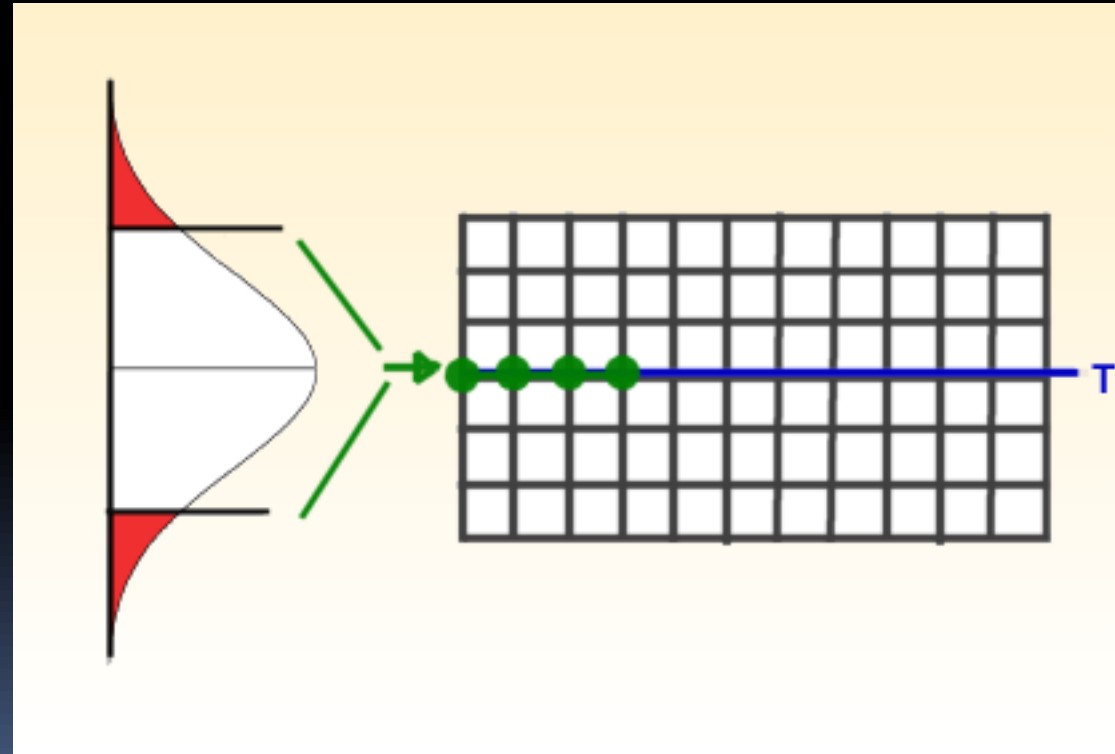
How the Balance Chart works

By default, the Balance Chart uses 'pseudo limits' set at 1.5 standard deviations about the mean. These are shown in the graph opposite as pL+ and pL-.



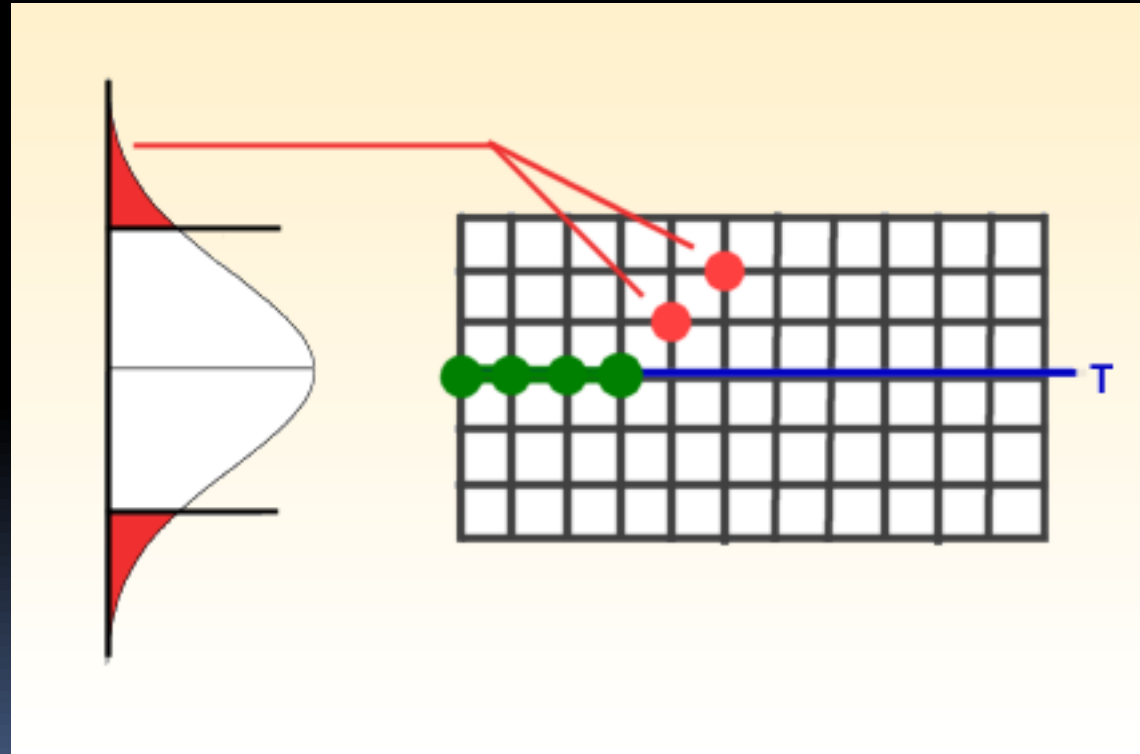
Plotting The Chart

- Any observation which falls between the pL values is plotted horizontally.



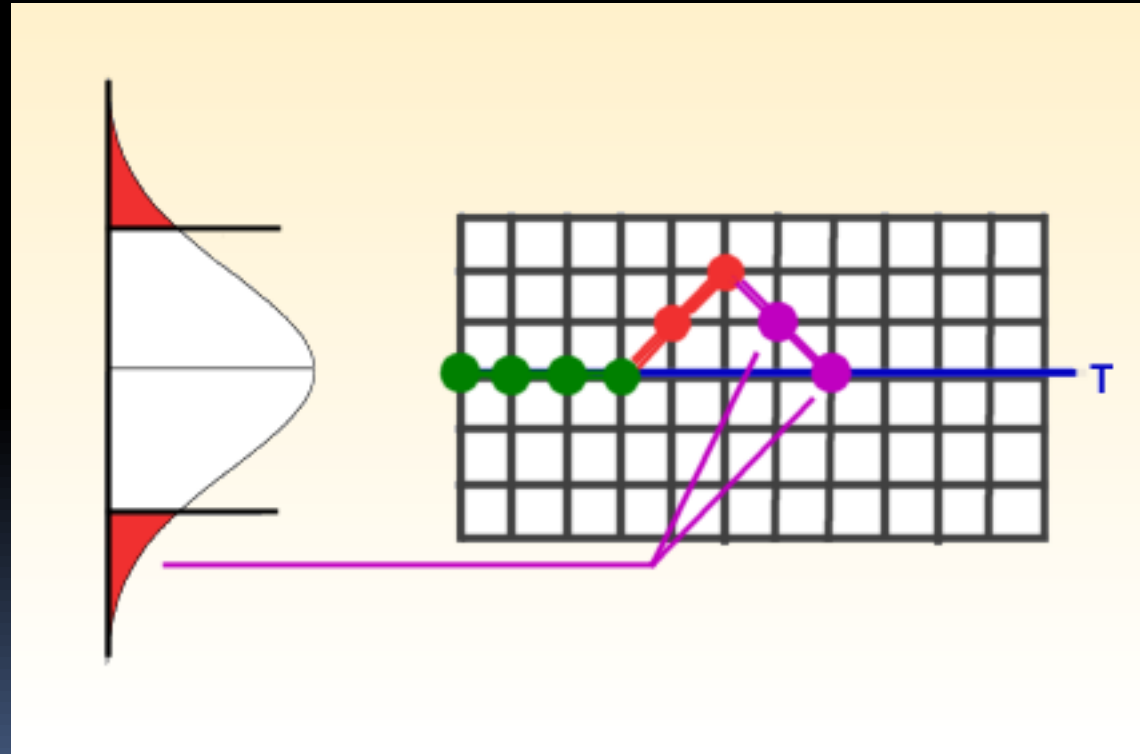
Plotting The Chart 2

- Observations greater than $pL+$ are plotted as 1 unit up.



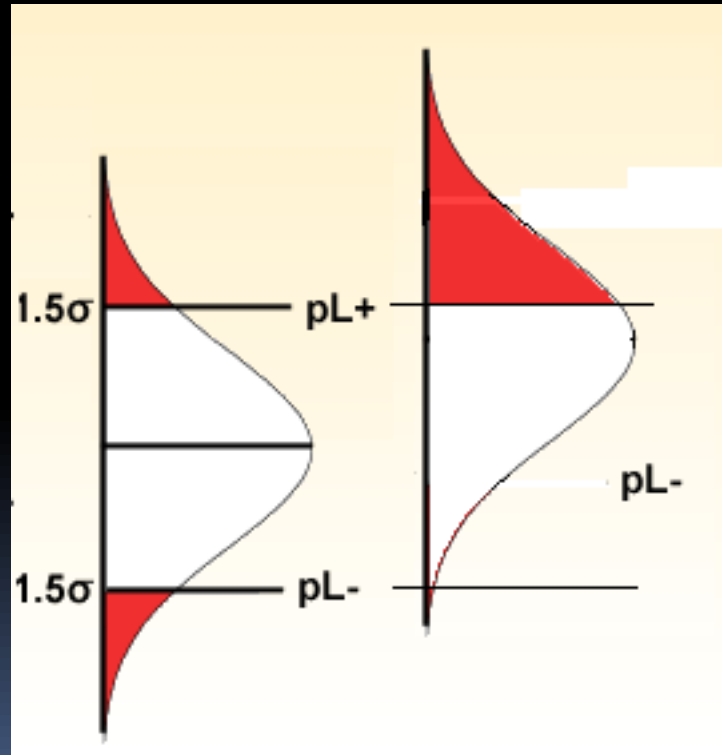
Plotting The Chart 3

- Observations less than pL - are plotted as 1 unit down.



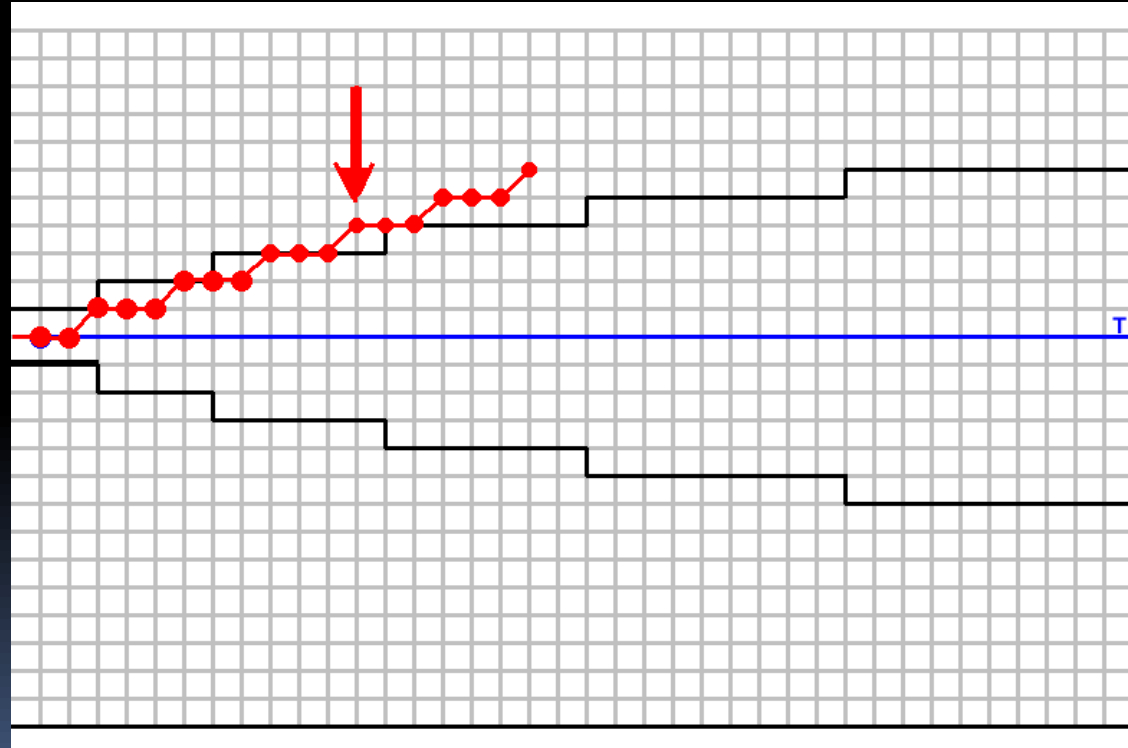
Effect Of 1 sigma Shift

- If the process moves by 1 standard deviation.....



The Chart Outline

..... this is quickly and clearly shown by the Balance Chart, and an alarm will be triggered



Go/No-Go Gauging

By setting go/no-go gauging to the pL values, such a process can be controlled with high accuracy

