Rs (Resistivity)

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Operations Procedure

Steps:

1. Insert Wafer.
   1. Be sure that wafer is between the 3 pins. NOT on them.
   2. Make sure that the notch is on the “N”.
2. Operator/ Run Recipe/ CMP\_New
   1. Select the metal you would like to measure.
3. Name the File Name.
   1. LOT ID\_ Wafer#\_PRE/POST + Time
4. RUN
   1. Runtime is roughly 2-3 min
5. Get data from the folder.
   1. C:/ 4p\_NT/CMP\_NEW.prj/ “Your Data”
6. Record Data in MRL Track as a Chart.

Ex:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Wafer | Mean | Center | Mid | Edge | Min | Max | Range |
| # |  |  |  |  |  |  |  |

Data Combo: This is used to automatically compare the results of a PRE and POST measurements.

To do so, PostProcessData File. Then plug in the PRE and POST data.

* Record: Mean, Min, Max, Range, Standard Deviation
  + Input 1: PRE Data
  + Input 2: POST Data
  + Output: Data Combo

NOTE:

* Center = 0 / Mid = 51 / Edge = 87
* At the beginning of the week run a Probe Conditioning.

RS75 (Plating)

Steps:

1. Cu Thick Recipe
2. Collect Data/ Load Wafer/ Measurements
3. Data is On-Screen when finished.
4. Record Data.