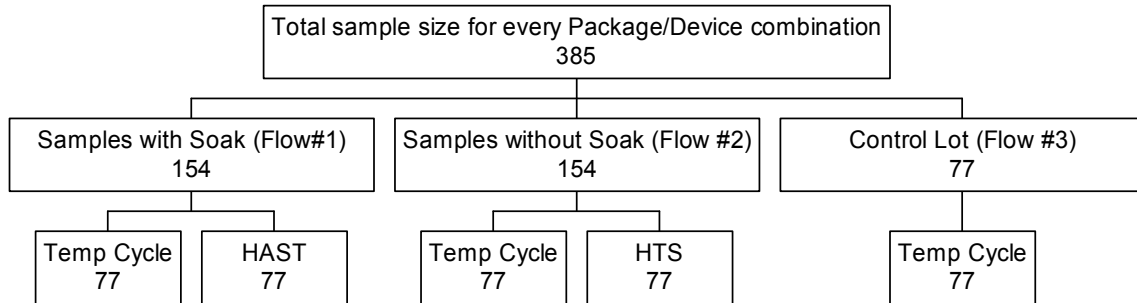


lead-free flow

Sample sizes for the various splits



Refer to the matrix for actual Preconditioning, Temperature cycle and HAST conditions for every Package/Device combination

Stress test conditions / readpoints

Temp Cycle

-40/150 C: 500 and 1000 cyc

-40/125 C: 700 and 1400 cyc

The test matrix shows which product (only 1) gets the -40/125 cycling.

Unbiased HAST

130/85: 48 and 96 hrs

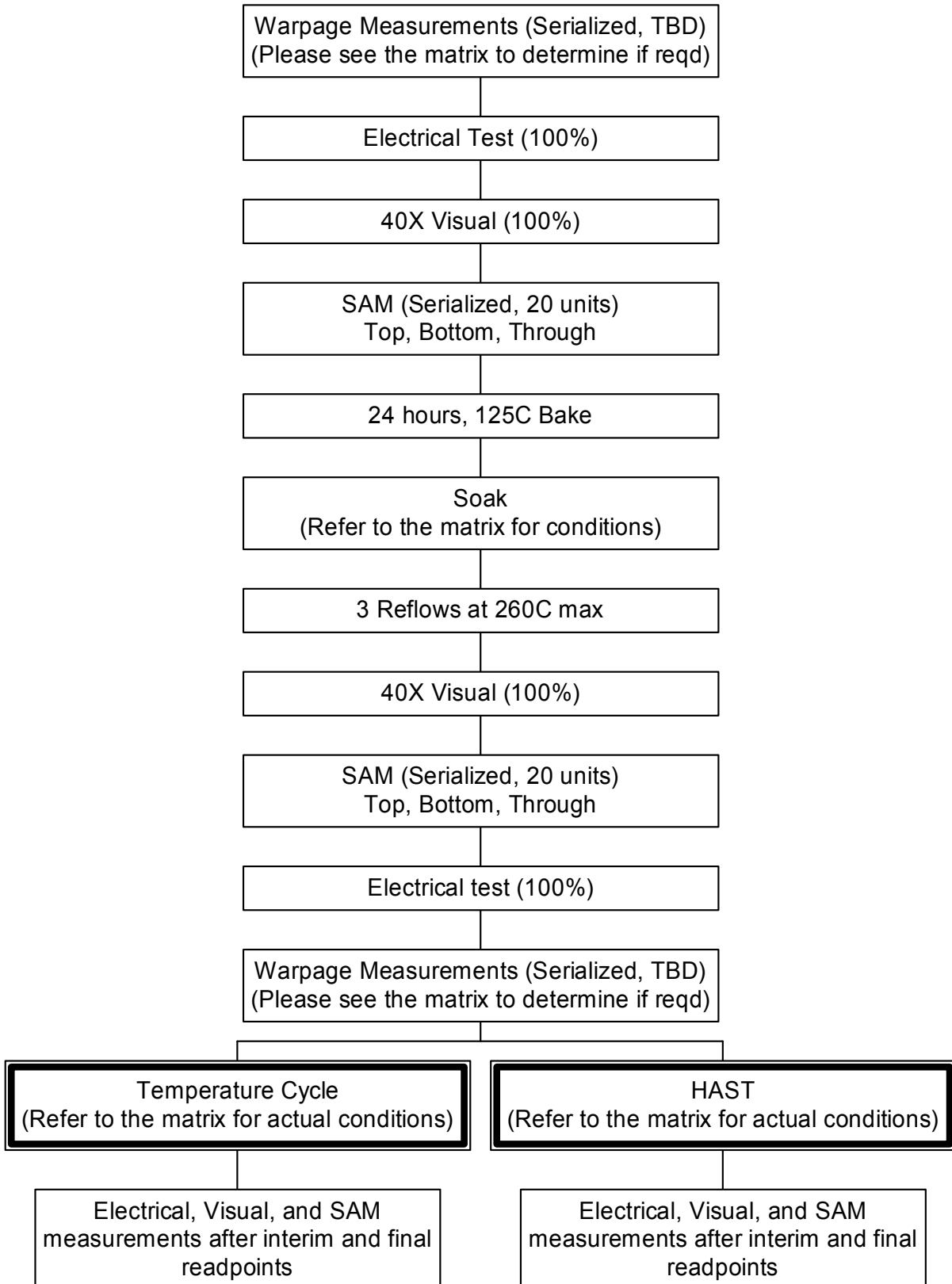
110/85: 96 and 264 hrs

All BGAs and CSPs get 110/85 (shown in test matrix).

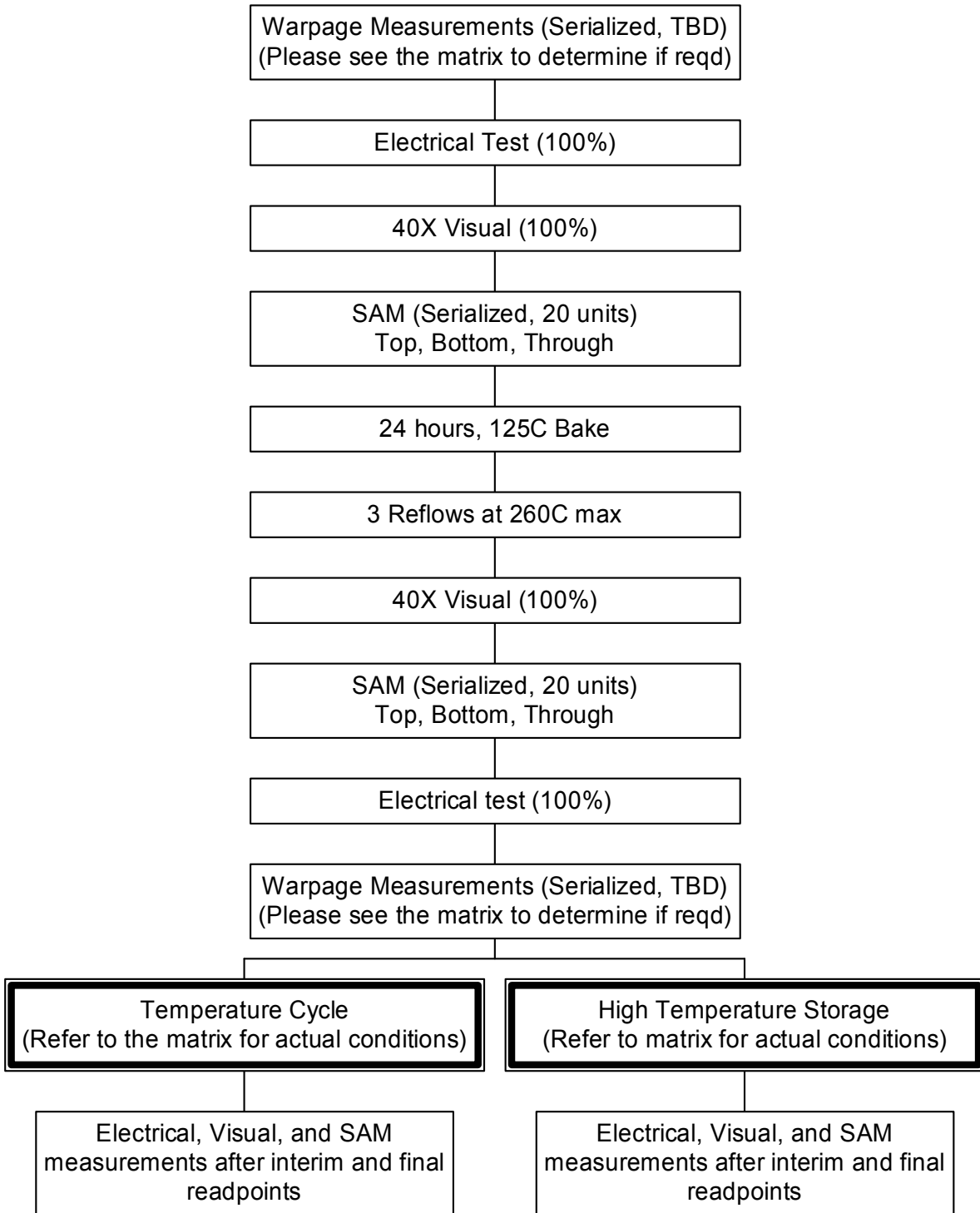
High Temp Storage

150 C: 168 and 500 hrs

Flow #1: For samples with Moisture Soak

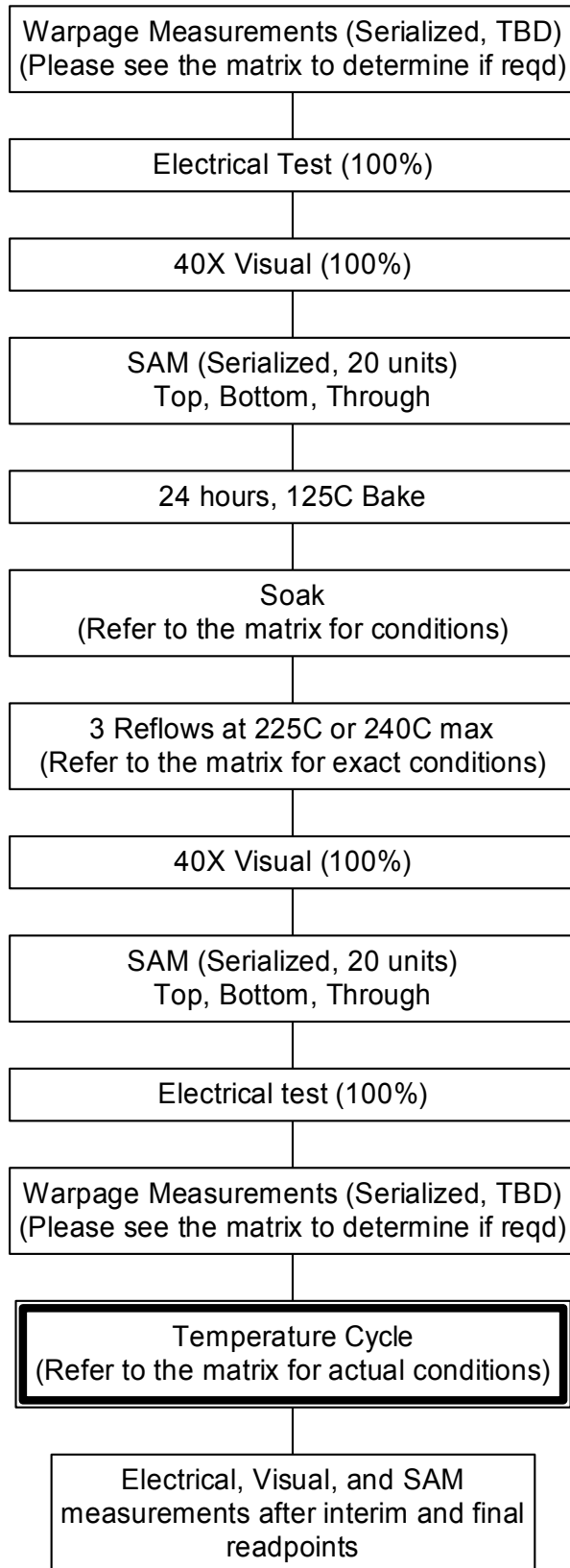


Flow#2: For samples without Moisture Soak



Same as Flow#1 WITHOUT the soak step and HAST testing

Flow#3: For Control samples



Same as Flow#1 WITHOUT HAST testing and different Tmax conditions during PC reflow