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## SureCAL CALIBRATION PROCEDURES General Format

The schematic shown below depicts the general format of Calibration Procedures. Each SureCAL Calibration Procedure starts with a **HEADING** section followed by multiple **TEST STEP** sections. Minimum Specifications for Standards are listed in the **HEADER** section and provides the user with the knowledge needed to select or substitute standards to be used during the calibration. Along with these specifications are the SureCAL recommendations of instruments that will meet or exceed these specifications. This table of Required Minimum Specifications is readily available to the operator when running the Calibration Procedure. Each **TEST STEP** section may consist of up to three components. The simplest component is **TEXT** that provides manual instructions to the operator. If pictorial instructions are to be displayed, a **DRAW GRAPHIC** file command will be present. In cases where automated tests have been implemented, a **CALL TEST SUBROUTINE** file command will also be present. When SureCAL TEST SUBROUTINES interact with bus controlled instruments, they initiate Commands to instrument **DRIVER** subroutines. It is these Commands to instrument **DRIVERS** that make possible the SureCAL Flexible Standards capability. Users creating their own **TEST SUBROUTINES** would command specific instruments directly from the **TEST SUBROUTINE**, not via instrument drivers. Any interaction with Miscellaneous Data files or the **TEST MANAGER** operating system is done with HTBasic calls from a particular **TEST SUBROUTINE**.

### HEADER

- Identification Information
- Minimum Requirements/Specifications for Standards
- Recommended Standards

### TEST STEP 1

- Display instruction **TEXT**
- DRAW GRAPHIC A**
- CALL TEST SUBROUTINE AA**
  - Command **DRIVER** for Instrument 101
  - Command **DRIVER** for Instrument 102
  - :
  - :

### TEST STEP *n*

- Display instruction **TEXT**
- DRAW GRAPHIC y**
- CALL TEST SUBROUTINE x**
  - Command **DRIVER** for Inst ....

**END**