SOP: Denver Instruments SI 4002 Balance Calibration

1. Purpose:

2. Scope:
   2.1. Applies to the calibration of Denver Instruments SI 4002 Balance.

3. Responsibilities:
   3.1. It is the responsibility of the course instructor/lab assistant to ensure that this SOP is performed as directed and to update the procedure when necessary.
   3.2. It is the responsibility of the students/technicians to follow the SOP as described and to inform the instructor about any deviations or problems that may occur while performing the procedure.

4. References:
   4.2. Denver Instruments SI 4002 Balance Operation SOP

5. Definitions: N/A

6. Precautions: N/A

7. Materials:
   7.1. Denver Instruments SI 4002 Balance

8. Procedure:
   8.1. Internal Calibration
       8.1.1. Press “ON/OFF” button to turn the balance on.
       8.1.2. Press the “TARE” button to tare the balance.
       8.1.3. Press the “CAL” button to start calibration. CAL.INT. will be displayed followed by CAL.RUN. while the built in weight is applied automatically.
       8.1.4. When calibration is finished the display will read CAL.END and the balance is ready to use.
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9. Attachments:

- **Figure 1**: Denver Instrument SI 4002
  
  Denver Instrument SI 4002 Manual

- **Figure 2**: Denver Instrument SI 4002 Display
  
  Denver Instrument SI 4002 Manual

10. History:

<table>
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<tr>
<th>Revision Number</th>
<th>Effective Date</th>
<th>Preparer</th>
<th>Description of Change</th>
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<tr>
<td>0</td>
<td>09JAN14</td>
<td>Jason McMillan</td>
<td>Initial release</td>
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