

Testing Connections and Load Reading

- a) In order to test load cells, indicator must be turned on. (If not turning on change batteries)
- b) If all connections are proper, indicator shows a reading which will change when applying load.
- c) Ranger and Rinstrum indicators can be set to 'diagnostic' in TEST (.) SCALE, value
- d) To test ONE LOAD CELL at the time: Flick all dipswitches to OFF. EXCEPT 3 and 4 on load cell one. Take reading then ask a person to STEP on load cell. Take second reading.
- e) Repeat for every load cell. You now have 8 readings.
- f) Switch all 3 and 4 dips to 'ON'. The reading now is the AVERAGE.
- g) The difference between the two readings of each load cell should be approximately the same.
- h) ALSO the readings between the load cells should NOT vary by more than 10% of the average. You will find that the diagonal is either TOO heavy or TOO light. Shim the lightest until load is evenly distributed.