### Causes of Weighing Errors

Think all load-cell based scales are created equal?

Think again.

Error can creep in from the most unlikely places

*Unreasonable haste is the direct road to error.*

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#### Problem

- **Vibration**
  - Placing a sensitive scale near heavy machinery can result in vibrations being picked up by the load cell.

- **Air Gusts**
  - Moving air can push a scale down creating false “weight”.

- **Friction**
  - Scale components that rub aggressively against each other can cause tiny vibrations which are picked up by the load cell.

- **Lack of Calibration**
  - Load cell values will stray from their true reading over time.

#### Solution

- Ensure the scale is isolated from any nearby moving equipment.

- Install scale draft shields to block moving air, or divert the building ventilation to a different location.

- Conduct necessary maintenance on parts that wear.

- Conduct calibration according to the manufacturers specifications.

*Contact us to learn more.*