

5.2 Feed Verification & Inventory

Select the link on the target sensor and pull down the top, right menu, selecting **Configure**.

The screenshot shows a configuration form for 'Feed Verify :Q'. The form includes the following fields and callouts:

- Feed Verify :Q** (Header) with a **Configure** dropdown menu. Callout: "The meter installed on the pump outlet or inlet is connected to the 'Q' terminals."
- Digital Type**: Volume Meter
- Description**: Feed Verify
- Volume/contact**: 1.0 mL. Callout: "Set **Volume/contact** for your verify meter type in mL. **1.0 ml** is the Tacmina default"
- Meter Type**: Contact Meter
- Display units**: mL
- Decimal digits**: 0
- Copy Volume to**: none
- Compensation**: Feed Verify. Callout: "Select **Compensation** to **Feed Verify**."
- Inventory input**: K:Tank Level. Callout: "Select an optional **Inventory Input** for tracking chemical pumped and calculating ppm"
- Verify Output**: 1:Inhibitor. Callout: "Select the pump where the verify meter is installed. In this example, it's the **Inhibitor** pump connected to relay **1**."
- Wait-to-Verify**: 30 seconds. Callout: "Set the time between the pump turning ON and the first pulse from the verify meter. **30 seconds** is the default."
- Disable Input**: No
- Log Period**: 60 minutes

Buttons: REFRESH, SUBMIT

Sidebar:

Feed Verify uses a feed meter on the pump to ensure chemical is pumped when the pump is turns **ON**. Any water meter input 'O' to 'Z' can be used for a **Verify Meter**. **Feed Verify** can be used to check any control or feed with a downstream water meter. Relays '1' to '5' and frequency controlled Pumps '6' to '9' can be alarmed on fail to feed with the **Feed Verify Compensation**.

Once you've set up the **Verify Meter**, you'll need to tell it which Pump to verify and if you wish keep track of the chemical pumped, which input to use for **Inventory**. More than one **Verify Meter** can use the same **Inventory input** since more than one pump may use the same tank or tote.

Feed meters may be built into the pump, installed on the pump feed tubing or on the pump suction tubing for fractional HP boiler feed pumps. Many pumps can be purchased with a low cost option that provides a contact closure whenever the pump feeds, typically every stroke.

These contact sets can **Feed Verify** that the pump has not lost prime, become unplugged or run out of chemical in applications where the accuracy of a higher cost 1mL/pulse meter is not required.