Personnel responsible:

1. Process Personnel

Safety:

Safety shoes and safety glasses are required when working in, on, or around the digesters.

Summary:

An Endress+Hauser Promass 80 I flowmeter has been installed on each Digester circulation loop. These meters are very reliable, but occasionally one will need adjusting because of buildup of material inside the flowmeter itself.

Procedure:

1. Pull a density sample from the digester and measure it with a known good hydrometer.
2. Immediately go to the Flowmeter and unscrew the 3mm allen head clamp screw that needs to be loosened to unscrew the face cover.
3. Unscrew the face cover.
4. There are 3 buttons on the face, “+”, “-“, and “E”.
5. Press “E”
6. Press “+” 14 times until the screen reads “Process Parameters”
7. Press “E” and continue pressing “E” until the screen reads “Density Set Val 1”
8. Press “+”
9. The screen will ask for an access code, which is 0080; enter the access code by manipulating the “+” and “-“ buttons for each digit, and enter each digit by pressing “E”
10. Once programming is enabled, press “+” to enter “Density Set Val 1”.
11. Enter the value from the hydrometer reading.
12. Press “E”
13. When screen reads “Measure Fluid 1”, press “+” until unit reads “Start” then press “E”
14. Press “E” again until “Density Adjust” appears.
15. Press “+” until unit reads “Start”, then press “E”
16. Press “+” and “-“ simultaneously until the Flow and Density appear.
17. The Density should now be close to the hydrometer reading.
18. Screw the face cover back on and tighten the clamp screw.

REVISION HISTORY

Revision Date	Revision Number	Revision Description
10/28/05	0	New Document