

GILES CHEMICAL CORPORATION		
COMPANY PROCEDURE		
Standard Operating Procedure	Page : 1 of 1	Revision : Date : 8/10/2007
Author: Patrick Owen	Title: (00)Greendale Liquid Loading System	

Personnel responsible:

All

Safety:

Safety Glasses and Safety Shoes required in the production area

Summary:

The Liquid Loading System takes an operator entered BOL number and load target, and stops the pump, valves off the line, and blows out the loading line to the tanker. It then prints a ticket with the BOL number, weight, target weight, date, time, temperature, and specific gravity. The user then blows the line back to the supply tank.

Procedure:

1. Ensure load is set up for correct tanker and the hose is clamped in the tanker with the lid.
2. Connect a hose from the Truck Pump discharge to the Loading System inlet.
3. Connect a hose from the Loading System outlet to the Kuhno filter inlet.
4. Run hose from the proper storage tank to the inlet of the Truck Pump.
5. Open the Air Bleed Valve.
6. Open the Storage Tank valve.
7. When liquid is coming out of the Air Bleed Valve, close it.
8. At the control panel, press F1 and enter the BOL number for the load.
9. Press F2 and enter the target load weight.
10. Press the Pump Start button, ensure the pump started.
11. Press the Load Start button to start the load onto the tanker.
12. Ensure the load in loading and the total is rising on the screen.
13. When the load finishes, a ticket will print, the pump will stop, the valve will close, and the load line will blow out.
14. Connect an air hose to the Air Bleed Valve and blow the line back to the Storage Tank.
15. Close the Storage Tank Valve.
16. Disconnect the air hose and bleed off any residual pressure.

Notes: If any problems arise (stopped up filter, etc.), pressing the Manual Stop button will stop the load and blow out the line. After fixing the issue, subtract the weight on the ticket from the total needed and load the result as another batch.

In an emergency, pressing in the Emergency Stop button kills power to all systems and closes the valve. The system will come up "Ready" when the button is reset. A one pound load can then be ran to blow the load line out if needed.

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TRAINING DOCUMENTATION

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