Sandy Point Refinery

Biodiesel Unit Handover Report

From: Maria Rodriguez (Day Shift)

To: Jake Thompson (Night Shift)

Date: 10/31/2024

Time: 1900 hours

Key Updates:

- Biodiesel inventory levels in Tank S-23 stabilized after fixing issues with Separator SP-94

- CSTR Reactor R-901 operating within normal parameters

- Biodiesel Separator SP-94 required maintenance to clear blockage

Actions Taken:

1. Investigated and resolved issues with Biodiesel Separator SP-94

- Partial blockage cleared from inlet feed line at 10:30am

- Inlet and outlet flow rates now balanced

2. Closely monitored biodiesel inventory levels in Tank S-23

- Levels stabilized by 1:00pm after separator repair

- No discrepancies found between feed rates and production

3. Performed preventative maintenance on R-901 CSTR Reactor

- Verified methanol feed rate from K-902 within specifications

- No abnormalities detected

4. Reviewed system pressure readings

- All readings within acceptable ranges after separator repair

Notes:

The drop in Tank S-23 inventory was due to a partial blockage in the inlet feed line to the Biodiesel Separator SP-94, causing reduced flow through the unit. Once the blockage was cleared at 10:30am, the separator performance improved, stabilizing inventory levels by 1pm. Preventative maintenance on the R-901 reactor was completed per schedule.

No other major issues to report. All Biodiesel Unit operations are running smoothly heading into the night shift.