SOUTH PRODUCTION NOTES

[redacted]

September 3, 2016
7-3 Shift Notes
BASF EMPLOYEES
291 Last Recordable
351 Last Lost time

Title V Notes:
Trimer – Restarted on 2nd shift. Stage 1 in range. Watch closely!
B9 Sump – Floor CRT needs to walk a couple times per shift to check for overflow.
F1 – Floor CRT needs to pump off half a tote per day (2nd shift) to control Moly level.
F2 – Need to check each shift. Verify that Water valve is about ¼ open. Currently running on a constant overflow due to pH issues.
Sly – Blower motor is getting loud – WOW.
NOx/CO system – Alright lately.
#8 DC – DL Page is done vacuuming out but some material fell down into the cartridges. May need to remove and clean before starting up.

Work To Be Done in the Department:

- Need to get the Cu 1230 repacked (waiting on Scrubber modifications)
- Need to verify that the partial drum of E230 was repacked.

Done-→Need to repack two bags (3 + 5) of Styrene through repack hopper.
Done-→ Need to feed drums of material from feed end of RC #6.
Done-→Need to repack two bags of D-0257 through repack hopper.

#1 MED / D 1780:

Batch was finished on mids. Bag was set aside. Batch ran pretty roughly.

Also looking into having the dryer bed interlocked with the burners, so when they kick out the dryer stops. Rob T has been contacted, will probably need an MOC for this mod.
Locked out the diverter valve to the calciner hopper.

#1 RC / Cu 0865:

Continue. Be sure to clean tops of bags before hanging above hopper. We are now filling 400lbs into drums. Tape on labels. The oversize has been set up to refeed per Will Tuttle. Need one 32oz sample per pallet (do not need whirlpack per drum).
The bags must be fed to the calciner in bag order. Remember to use the log sheet every time you hang a bag.
Cannot find bag 9 of lot 158. Check MOD for additional notes.

#2 MED line / Styrene is next:

Continue making batches. We need to change the inserts every two batches. More raw material arrived.

#2 RC / S6-42:

Feed restarted on afternoon shift. There is no bladder in stock for the bag rack currently. Pull half tote off F1 daily (2nd shift) to keep Moly level down. Bag 3 that came off yesterday afternoon was put in the wrong type (#unlined) of bag and has to be repacked. Bag 5 the liner has fallen in and will need to be repacked. We will start feeding the Calciner using the dried material from last run. Two bags are set up in front of the hopper, and the other three are the ones lined up closest to #2 extruder.

#3 MED line / D-1780 LAQ:

Grease the mixer EVERY shift! Continue to run and watch for dusting issues. Need to remind powder room operators to use purge function to ensure all the material is out of the lines. Do not send extra powder (we keep getting material build up in the filter receiver). Need to grease end seals and watch the dusting. Kirk is looking into getting the scale head for the liquid weigh tank replaced because it keeps loosing memory when it is powered down.

#3 RC / D-1780 LAQ:

Restart feed on midnight shift. Continue.
Make sure to seal pouches on labels (we have had a few fall out).

#4 RC / Ni-4322 Next:

Continue to run. Watch Trimer closely.
Do not let the hopper run low, feed rate on calciner will be affected.
Keep an eye on this product and the Trimer due to high NOx.

#5 RC / Cu 0539 Next:

Plan is to start running on Monday if Trimer runs well over the weekend. Need after filter replaced. Keep dust collectors locked out until then. When running, feed Hopper should not be filled past 2 feet below the top to allow room for blowdowns. HEPA filter was last changed out 6-11-16 on day shift.

#6 RC & Dryer / D-0257:

Continue. Feed was restarted on afternoon shift. CTO test completed successfully.
Make sure fines drum on the feed end is checked several times per shift and open the slide gate to empty it. Material will leak from the seals and on to the floor when it backs up.

Please make sure all bags are labeled on both sides and the tops have been wire tied closed. Also all bags must be check weighed.

West Pfaudler / Ni 4322 1/8:

Lid has been pulled. Pfaudler has been washed.

East Pfaudler / D-0257:

Continue to make batches as needed to support RC #6. Target last batch is 127, check with Bodmann when we get there. Keep an eye on the vacuum and temperature of the green tank on 1st floor (manually add water if it gets too hot - try and just crack the valve or we end up sending a lot of water to WWTP). Raws are out in the railshed and polebarn.

6 Tank / Ni 4322 (Nickel nitrate):

Attempted to pump into a tote, but lines and pump are plugged with crystalized nickel nitrate. When we get them unplugged we need to pump into a tote, rinse it down and pump rinse into tote. To be fixed next week.

7 Tank / Ni 4322 (Nickel Nitrate):

Tank was emptied and rinsed.

National Dryer / Ni 4322:

Belt was run tonight to get material off belt. Hung bag as Ni reclaim. Verify that we spray painted 1/8" on bags and they were moved to north TK area.

PK Blender / Pill mix:

Hold off on making more Pill Mix. Clean out building 9 of pill mix supplies.
Clean blender.
Contact Group Leader before using any water in building 9 or before unlocking sumps. They have all been locked out with Blue operational locks.
Check bag house DP before starting each batch.
Flow meter is installed but not calibrated yet. DO NOT USE
DP Gauge should be set at 3.5 and 4.25.

Abbe Blender:

Abbe has been rinsed (the tank and the lines).

Tower 3 / Cu 1155:

Tower was loaded on mids. Do not have power to flow meters. Looks like there is a panel locked out near the compressor room see e-mail. Need to confirm everything is in a safe state before we start up and unlock.

Tower 6 / Zn 0313:

Tower is down. Tower has been washed down. Mazella fixed the chain basket.

North Screener / ?:

Installing new hoist system now. PSSR has been done. Need to finish a few start up items before starting to use.

South Screener / Cu 1155:

Cleanup complete. Screener has been set up. Kristen is getting a new valve in for the alcohol.
Stretch wrapper is working. Please wrap your drums as full pallets are made. See GL or Kristen for quick informational session on how to operate.
If you wash down drums with water you need to dry them off – the green drums are very prone to rust.

#2662 (west) Pill Machine / Al 3915:

Out of feed. Cleaning as able.

#2664 (east) Pill Machine / AL 3915:

Out of feed. Cleaning as able.

TK #2 / ?:

Done. Leave the saggers on – Next Product?

TK #4 / Cu-2508:

Continue.

Harrop Kiln / Al-3920:

Kiln is down.

Building 27 Belt Filter / Cu 5020:

Flow meter repairs are tentatively scheduled for Saturday (Guy to perform). Do not use the taller, thinner cardboard sleeves, those are for LIB. Soda ash is in the rail shed.
We have switched to 188 lined super sacks. These will need cardboard sleeves around them and new clean pallets.

Top 11 are important enough to keep running and staffed, top 7 cannot afford to have additional production interruptions.

1) #4 RC/Trimer/Abbe (starting later next week)/National Dryer
2) #1 RC South (Cu-0865 T)
3) #6 RC/East Pfaudler
4) #5 RC/Trimer
5) #1 RC North
6) North CUAPV (to keep #1 RC North running)
7) Reduction Towers/Screening
8) #3 MED/RC/CTO – Use #1 MED if #3 MED has any issues in keeping up with #3RC
9) #2 MED/RC
10) South Precip/APV
11) Ross Mixer/#4 Tunnel Kiln
12) Briq/East Blender/PR2 for Cu-0537 T

<u>Materials for 9/3-9/4 weekend</u>

Soda ash is received and in shipping, still on trailer

0535 is received and in shipping, still on trailer

Styrene is received and in shipping, still on trailer

Any 0865 in drums can go to M 6 and M 7 in warehouse

Any styrene finished can go in between C and D row