SOUTH PRODUCTION NOTES

[redacted]

September 9, 2016
3-11 Shift Notes
BASF EMPLOYEES
297 Last Recordable
357 Last Lost time

Title V Notes:
CTO - Ammonia tank overfilled. Shut the manual valve at the tote. Valve was reopened after tote came back down. Need to watch next fill closely.
Trimer – recirc tanks were drained and filled with fresh water to try and flush the system. Chunks of liner are coming into the stage 1 tank. WOW for GEM to inspect the packing on stage 2 (may be causing DP issue).
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.
#8 DC – DL Page is done vacuuming out but some material fell down into the cartridges. We need to remove and clean before starting up.
#2 DC – Someone turned off the DC and left a full drum at the drum off. Please, if you see an issue let someone know so it can be corrected.

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.
- Cleaning 3rd floor - get rid of material in wheelbarrow and drum by line 3.
- Verify #8 DC is working. Need operators to clean material out of cartridges.
- Repack Cu0865 into drums (L117 SS7-28, L118 SS1-2).

#1 MED / D 1780:

Repairs complete, okay to make batches.
Batch transfer from powder room was cut short due to dusting issues on the 3rd floor. Will need to finish transferring powders when line is fixed. Still need 229 lbs of Siral 40 and 62 lbs of Versal 300. The rest of the powders were dropped into the mixer to empty the hopper for work to be done. We are running 7 batches (including the one we already finished) total to empty the powder room stations.
Last couple batches before repairs ran poorly and bags were set aside (should we calcine?).
Locked out the diverter valve to the calciner hopper.

#1 RC / Cu 0865:

Start shutting down on 2nd shift so loose tube bolt and slide gate can be replaced early Saturday morning (around 7am). Running continue. We are now feeding the 6 bags of refire material. When done, we will need to purge out calciner and take temps down to run the rest of material through.
Be sure to clean tops of bags before hanging above hopper. Tape labels onto finished drums. 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.

#2 MED line / Styrene is next:

Continue making batches as needed to keep up feeding the calciner.
We need to change the inserts every two batches.

#2 RC / S6-42:

Continue. There is no bladder in stock for the bag rack currently.

#3 MED line / D-1780 LAQ:

Continue making batches. Installed the last filter on the vacuum pump tonight. When the 1lb purge is started to blow out the lines it needs to complete even if batch weight is already met. If not, we are leaving behind about 30lbs per batch.
Changed to pump filter again on mid's, only 1 filter left in the store room.
Grease the mixer EVERY shift.

#3 RC / D-1780 LAQ:

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

#4 RC / Ni-4322 Next:

Feed is still off. Tried to diagnose trimer issues on midnights with no luck.
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:

Feed is off. Will need to restart after Trimer T/S.
WOW for blowdowns on 5A leaking air.
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-1768:

Eliott has completed his work, okay to bring calciner up to temp. Dryer needs to be buttoned up and lit. Screener needs to be assembled as well.
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-1768:

Continue making batches. Need to verify we have enough Magnesium on 3rd floor.
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).

6 Tank / Ni 4322 (Nickel nitrate):

Tried to pump out on mids but with no luck. We are not even able to get steam through the lines. Has WO been submitted?
We need to pump into a tote, rinse it down and pump rinse into tote.

7 Tank / Ni 4322 (Nickel Nitrate):

Tank was emptied and rinsed.

National Dryer / Ni 4322:

National lit on afternoon shift. Bringing up for the Abbe.

PK Blender / 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:

Waiting for SPG to be in range so we can start 1st batch. Need to pump Ni to tank 5 and hold at 50deg.
List of things that need accomplished sent out by Justin. Abbe has been rinsed (the tank and the lines).

Tower 3 / Cu 1155:

Tower should complete Friday night. Will load next batch on Sat morning with IH monitoring.

Tower 6 / Zn 0313:

Tower will load on Sat morning with IH monitoring. Do not start Tower up until Mon.

North Screener / ?:

Screener cleanup and setup has begun. Operators were told screen size 1M oversized 5M Fines.

South Screener / Cu 1155:

Complete. 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 / ?:

Down.

TK #4 / Cu-2508:

Continue.

Harrop Kiln / Al-3920:

Kiln is down.

Building 27 Belt Filter / next:

Cleaning done. WOW to install new mounting bolts on the pump in front of tank 4.
Do not use the taller, thinner cardboard sleeves, those are for LIB.
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/HC-11 Tanks/National Dryer
2) #6 RC/East Pfaudler
3) #5 RC/Trimer
4) #1 RC South

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) West Blender (Cu-1888 P then Cu-1820 Blends then Cu-1886 P)
11) North PK/Wyssmont
12) Ross Mixer/#4 Tunnel Kiln
13) Briq/East Blender/PR2 for Cu-0537 T