SOUTH PRODUCTION NOTES

April 25, 2014
Morning Shift

BASF EMPLOYEES
43 Last Recordable
293 Last Lost Time

1. **Trimer ORP set at 275 (No change even with two calciners).**
2. **Work notification written on the Hyster 30 forklift – brake light torn off – 934097805.**
3. **Work notification written for the agitator blade in Tank #2 – bldg. 27.**
4. **Work notification for gear box (#1 MED) still outstanding (not addressed).**

#1 MED / AL-3992:

Work notifications written for oil leak at gearbox on the extruder (4/8/14) and mixer outlet valve passing powder to pulva when powder is dropped from hopper.
Day shift: Waiting for lab results to continue - K Kaput.
Afternoon Shift: OK given to continue batches (remember, no Nitric Acid in batches).
Midnight shift: Continuing running batches as instructed.

#1 RC / AL-3992:

Feed as batches come available.
Day shift: Re-feed drums 34, 35, 36, and 37 in drum order back into original drums-under - fired.
Afternoon Shift: The 4 drums from Lot 3 (34, 35, 36, 37) have been put back into the feed hopper. When we get to 4-5 bags of feed on the floor, restart the feed and run the hopper nearly empty to remake these 4 drums, sample each finished drum (whirl pack bag), then follow with the next available dried bag and continue on with drums 41, 42, etc…. In addition, we will need to obtain the composite pallet sample from the pallets containing drums 33-36 and 37-40 . Exhaust has been switched to F1 as we are not using nitric acid in the batches.
Midnight shift: Re-started the calciner. Remaking drums 34, 35, 36 and 37. Collecting samples.

Exhaust to F1 (no nitric in batches, so no nitrates or NOx)

#2 MED line/ Cu-0860: Completed.

On hold…out of 3818. Work notification on #2 Viron East flow meter still outstanding (RAND 4/7/14) - per the engineer, we can run with low flow. Before starting this line again we need to make sure that the #2 DC is emptied – alarm going off tonight a couple of times.
Day Shift: #2 Viron is down / Need Ameriwaste to suck out contents.
Afternoon Shift: On hold.
Midnight shift: No activity

#2 RC/ Cu-0860: Completed.

Brought down for maintenance.
Day shift: Calciner down for maintenance.
Afternoon shift: Hold
Midnight shift: No activity.

Exhaust to F1

#3 MED line / D-0704:

We have resumed batches on the MED line.
Day shift: Continued.
Afternoon Shift: After Kirk worked on powder room screen issues, batches resumed. Continue on into day shift Friday…at that time Bodmann will advise how many more to make.
Midnight Shift: Continuing but keep in mind that it might not run on day shift.

#3 RC/ D-0704:

Currently feeding. We need to keep track of the weight on the fines drums as they are filled up – need to add the weight to the green sheet. Need to weigh each bag and record its weight on the log sheet by the scale at the East side of building 31 on the first floor. HEPA filter for the CTO was changed (4/17/14 M.V.). Keep an eye on the DP for this.
Day shift: Continued.
Afternoon Shift: Continue
Midnight shift: Continue.

Exhaust to CTO

#4 RC / Selexorb:

Calciner temps brought down and reversed (M.V. 4/20)
Day shift: Down, hold. The material is in but have 2 calciners going to Trimer.
Afternoon Shift: Calciner has been relit and bags are lined up next to #4 RC. Production team will evaluate how calcining on #1 is going, as the exhaust was switched to F1 on #1 RC. If everything OK, will begin to feed the Selexorb on #4 RC (currently lined up to the Trimer and suction is at .35).
Midnight Shift: No activity. Noticed screenr has been taken apart… why?

Exhaust to Trimer

PK Blender / 1506 next:

Confirm with John Bodmann as to how to use the partial bag of 1505 to dry back the 1 wet batch that is still in building 9. Hold the 1 batch that was wet.
Day shift: We can start 1506 now.
Afternoon Shift: Confirmed with Bodmann that Lot 45 is OK for impregs. Begin making 1506 as manpower permits.
Midnight Shift: Setting up building 9 on second half of the night in preparation for impregnations.

#5 RC / 1505:

We have made the switch back to 1505. Need to remember that we do not need 5A dust collector running with this product. We need to check the suction twice every shift.
Day shift: Roton Blower was plugged/cleaned out.
Afternoon shift: Continue. Please be sure to shut off the 5A blow downs. If they continuously run, powder will start blowing out of the calciner and out of the butterfly air "breather" valve on the 2nd floor deck.
Midnight shift: Continuing.

Exhaust to Trimer

Old Pfaudler – QAQ Trial:

Trials done
Day Shift: 2nd (last) batch was dropped into buggies.
Afternoon Shift: Last material from 2nd batch emptied into buggy from hopper. Will need to confirm cleaning instruction from Bodmann.
Midnight Shift: No activity.

#6 RC / QAQ Trial:

Lit and running.
Day Shift: Feeding first batch/take samples off calciner before screener every 2 hours.
Afternoon shift: Continue calcining, and be sure to sample off of the spiral every two hours (tape lid to sample jar, write down the date and time, and which batch it came from). Should finish up on midnight shift.
Midnight shift: Last tote has been fed to thedryer. Collecting samples

Exhaust to Sly Scrubber

Abbe Blender – D-5206:

We are ahead on this job and can run as manpower permits. We can run on the weekend and off shifts. Make sure to read Grodecki's instructions at the end of the shift notes regarding how to match up the lots of 5202.
Day shift: Down day shift (contractors)
Afternoon shift: No change (manpower)
Midnight shift: Ran the second half of the shift.

National Dryer / D-5206:

Make sure that we are taking the bags coming off the National dryer to the far railshed for the moment. We will not feed D-5206 to the calciner just yet.
Day shift: Continue feeding as material available.
Afternoon Shift: No feed.
Midnight Shift: No activity.

Tower 3 / DPT-101:

Loaded and running.
Day shift: Continued.
Afternoon shift: Continue
Midnight Shift:

Tower 6 / DPT-101:

Loaded and running.
Day shift: Continued.
Afternoon shift: Continue
Midnight Shift:

North Screener / Cu-1155 3/16 x 1/8

Switched screener to Cu 1155 3/16 x 1/8. All Cu-1155 3/16" x 3/16" has been isolated and cordoned off with red tape – DO NOT USE THIS MATERIAL.
Day shift: Continue until tote hanging is empty. Switch alcohol for Cu-1986.
Afternoon Shift: Switched to south screener to finish the Cu 1986 (Alfol alcohol), then back to Cu 1155 3/16 x 1/8 (Exxal alcohol). Down to last 1-2 totes. When done, change fines screen on screener per the MOD and begin screening Cu 1155 3/16 x 3/16 (totes with red tape around them.
Midnight shift: Continuing on.

South Screener / Cu-1986:

Switch screener to Cu 1155 3/16 x 1/8 when Cu-1986 is completed. Engineer to decide what to do with remaining tote of Cu-1986.
Day shift: Cu-1986 will need to be finished before going back to Cu-1155.
Afternoon Shift: Finish Cu 1986, then clean/set-up for DPT 101 (do not run, set-up only)
Midnight shift: Setting up for DPT-101.

Tunnel Kiln #3 / Cu Carb testing:

We have lit up zone #2 per the engineer and have added material to the kiln for the continuing testing.
Day shift: Kiln reloaded with test saggers that will come out on day shift tomorrow.
Afternoon Shift: Continue monitoring
Midnight shift:

Tunnel Kiln #4 / Cu-0540:

Continue
Day shift: Continue
Afternoon Shift: Continue
Midnight shift:

HC-11 Tanks Cu-6081 :

The strikes have started. Continuing communication with the North is vital during this trial run.
Day shift: Continued making strikes.
Afternoon Shift: Continue, going well.
Midnight shift: Stopped strikes as we ran out of 15% copper and one of the blades in Tank 2 agitator fell off its shaft – work notification written (934103105).

#2662 (east) Pill Machine / Zr-0403 1/8: Hold

Started to clean up and take apart machines in preparation for Zr material. We will use only one dust collector.
Day Shift: No activity.
Afternoon shift: No change.
Midnight shift:

#2664 (west) Pill Machine / Zr-0403 1/8: Hold

Started to clean up and take apart machines in preparation for Zr material. We will use only one dust collector.
Day Shift: No change.
Afternoon shift: No change.
Midnight shift:

Harrop Kiln - Al-3921 T 3/16":

Down… saggers have been removed, screener parts at TK#2
Day shift: HOLD
Afternoon shift: HOLD
Midnight shift: HOLD

New Pfaudler / Celenese Trial

The Pfaudler has been rinsed but not acid washed. Tentative start update the week of 5/5/14
Day shift: HOLD…Celanese trial will be in.
Afternoon Shift: No change.
Midnight shift: