# SOUTH PRODUCTION NOTES

Dec 26, 2015
3-11 Shift Notes

**BASF EMPLOYEES**
34 Last Recordable
89 Last Lost time

**SAFETY Notes**: Any hole in the floor must be protected when work is being done in that area. Typically all holes must have a cover to prevent an accidental fall through the opening.

**Title V Notes**: Trimer – Trimer is on ORP. The Chem tank reading should be recorded on the log sheet for each tank refill so we can gauge when a drum will need to be dumped. See your Group Leader if you have any questions.
CTO – is still in manual, continue to stay above 25% SP or it will kick out

## #1 MED / D 0703:

Started dry cleaning on afternoon shift
Dryer Thermocouple was looked at and it appears to be reading the correct temps. Maintenance is still looking into the issue.
Do not increase the speed on the extruder to above 60 hz until IMC can correct the issue.
Still need low level probe on miners installed.

## #1 RC / D 0703:

Finished on afternoon shift. Bringing down temps- start cleaning?

## #2 MED line / Styrene next

Line to start on the 4th.
Line has been cleaned pretty well without water. Justin will determine next week if we need to use water.
WOW for changing out extruder barrel liners.
Powder room scales have been calibrated.

## #2 RC/ Selexorb to Bags:

Once material has been run through #3 please get #2 calciner back up and running.
Continue. Make sure we are taking LOI sample for the lab. This is very important!
Raised calciner 15 degrees to accomadate for low LOI results per JQ.

We will need to stop feeding so that we can run the bags of material thru #3 calciner. Bill would like us to do it this weekend so that we will have lab results by Monday.
Calciner is making a popping sound need. Went down and looked at it and cannot find the source. Needs further T/S. Problem appears to be intermittent.
New MOD for running to bags is in the control room.
Watch closely for any color change in material and report it to engineer.
There is a drum of material from the side door cleanout on #3 that will need to be fed to the calciner as well as all oversized material on calciner #2.
All underfired material can be fed at normal temps.

## #3 MED line / AL 3945:

Last batch of the 4 batches was run out on second shift. On hold until engineering gives us the word to restart. It looks like the liquid scale issues have been worked out. Please keep a close eye on the ammonia and nitric additions over the next few shifts when we restart.

## #3 RC / AL-3945:

Started up feed on the calciner on day shift. Please run through material and then get #2 back going.
Make sure it is exhausting to CTO. Valves have air turned off to them due to leak. Will need to engage to get valves to switch over.
We are still having issues with running 2/3 calciners to the CTO at the same time.
Caution tape was for hole in pipe- it has been removed and pipe temporarily repaired.
WOW for F1 valve air leak. Maintenance to repair soon.
Cutter disconnect hammer was fixed so that a LOTO could be performed. WOW to replace.

## #4 RC / Cu-0226:

Oversized material has been fed. We are holding for the next material.
Determined that we do not need to clean for the next run. There is one bag of the next size material that has been repacked and is staged by #4 RC. Hold this bag until we start up the next run.
WOW for page to make a new drum lid for the filling station. We stole one from the North end so that we can start.

## #5 RC / Catoxid next:

Working on putting calciner back together. WOW written for getting purge air line put back on. No maintenance resources to do so.
Started running batches on the PK.
Discharge vacumax cartridges have been changed,
Feed vacumax filters have been changed.
5A and 5B DCs are cleaned and have been put together.

**Continue to clean per instructions on cleaning sheet.**

## #6 RC & Dryer / D 1781:

**Calciner has been lit need waiting on burner tuning in the morning.**
**WOW for scale head issues and static build up. OCS was looking at this on Tuesday. We will need to see if it still an issue.**

## West Pfaudler / D 4601

**Drying 2nd impreg on day shift. Will need to unload and start next batch.**

## East Pfaudler/ Clean:

**Will start the first batch tomorrow morning at 11. ART will be here on a visit.**

## 6 Tank: Tank empty

**Valve fixed. There was a screen and band clamp in the valve**

## 7 Tank: D-0226 Solution

**Pumped out the solution in this tank on Sunday. We have 2 totes worth on the 2nd floor to be used in the next run.**
**Valve repaired.**

## National Dryer / D-5206.

**Schirmer finished soda blasting. Hold for next product.**

## PK Blender / Catoxid

**Holding. Valve is acting weird and we are not getting flow until ~70% output. This is then causing us to dust out the room. WOW and call into maintenance to see if we can get someone to come in to fix. PK is being washed and building 9 cleaned on afternoon shift.**
**Use Cardboard sleeves to for all bags.**
**Building 9 is now a respirator area**
**Please do not use water to seal caps or end seals. If we have issues with the blender leaking Stop production and we will address the issues.**
**Dust collector can be blown down by switching the magnahelic gauge to 0 and then shutting off the blower when it starts to blow down.**
**DC gauge has been added to the Wonderware and has been moved over to near the weight tank.**
**Gauge should be set at 3.5 and 4.25**

## Abbe Blender / D 5206:

**HF tote has been closed up and Abbe lid was remove and vessel cleaned out. Cover plates over open hole in floor have been reinstalled.**

## Tower 3 / Al 5645:

Done with testing do not need to staff

## Tower 6 / Al 5645:

Done with testing do not need to staff.

## Repacking in screening room – E 474 next:

Done with 75 drums that were brought here on Friday.

## North Screener / DPT-0101:

Cleaning??

## South Screener / DPT-0101:

Cleaning??

## #2662 (west) Pill Machine /

Back together and holding.

## #2664 (east) Pill Machine /

Back together and holding.

## TK #2 / down:

Unloaded all cars for refractory repairs.

## TK #4 / Cu 2508:

Continue running.
Inspected loading method and operators should not be stabbing material to try to break up. They need to take shallower scoops and the material will scoop fine.
We have changed over to a seven sagger configuration and loading five in order to get the material to fire properly. Some of the brick at zone 3 have fallen out, we will need to inspect.

## Milling V 2046: N/A

## Harrop Kiln / Al 3920:

All material is finished. Need to evaluate if we can rebuild the cars while it is down.

## Building 27 Belt Filter / Cu-5020:

Continue making batches. The north end is going to start calcination on Saturday so we need to get as far ahead of them as we can this week.
Operators are to transfer bags to the building 25 and stage in bag order.
Watch for copper crystals in the bottom of totes.
Glycol pump was pulled and will be sent out to be repaired.

# PRODUCTION PRIORITIES:

Items 1-8 should be considered call out. I also attached what I think the lines should look like the next few weeks considering Nox scrubbing, quantities to make and shipments.

1) #6RC/East Pfaudler – Continue with ICR 432v2LAQ – see comment below on valve repairs
2) West Pfaudler – Continue with Cu-0226 spheres – both sizes need to get complete by December 14th so rate needs to be good ( about 13 batches between both sizes)
3) #5 RC/Trimer – Continue with 6081
4) South Precip/Dry – Change over for S1-81 trial to start on Monday
5) Abbe/National Dryer - Run as qualified labor is available - use up all HF available
6) RC 1 – Finish Al-5637 then go to refires, ART base next
7) MED 3 – Finish A l-5637 then clean line for AL -3945 on Line and on RC 3 ( check blank on line to RC)
8) RC 4 – finish D-5206 ( ~15K), then clean line for Cu-0226
9) RC 2 when RC repair is done Dec 7 run out D-0768 then clean for Selexsorb
10) MED 1 – Finish prep for ART base

| Equipment | 7-Dec | 14-Dec | 21-Dec | 28-Dec | Nox Control | |
|---|---|---|---|---|---|---|
| RC 4 | Cu-0226 | Cu-0226 | | | Trimer | Go ahead and clean 4 once done with D-5206. 12/ 15 Cu-0226 ship date |
| RC 5 | 6081 | 6081 | catoxid? | catoxid? | Trimer | keep 6081 hi priority |
| RC 6 | ICR 432v2 | ICR 419 | ICR 424 | ICR 424 | CTO | |
| MED 1 | Cleaning | ART base | | | Trimer | Get Ready for ART base |
| West Pfaudler | Cu-0226 | D 4601 | D 4601 | D 4601 | Trimer | |
| | | | | | | |
| MED 2 | MT D0768 | Selexsorb | Selexsorb | | CTO | 12/24 ship date Selexsorb |
| MED 3 | Al-3945 | Al-3945 | Al-3945 | | CTO | Clean MED line for Al-3945 next week |