SOUTH PRODUCTION NOTES

August 6, 2014
Morning Shift

BASF EMPLOYEES
38 Last Recordable
401 Last Lost Time

Building 9, 16 and 31 are regulated. Get All Required Samples and Surface Areas

#1 MED / Al-5645:

Continue to run batches. Turned the cooling water to the barrel on the extruder – it was turned off – leave it on.
Midnight shift: Continued.
Day shift:
Afternoon shift:

#1 RC / Al-5645:

Continue to feed. Still high NOx product, so be aware of and routinely monitor suction and Trimer status.
Midnight shift: Continued.
Day shift:
Afternoon shift:

Exhaust to Trimer

#2 MED line/ Cu-0860:

All experimental batches have been run. The extruder has been cleaned and will wait fir further instructions from the engineer. When we re-start the line we will still need to continue to check every batch before dropping per J. Bodmann. DC #2 work (blow downs) completed.
Midnight shift: No activity.
Day Shift:
Afternoon Shift: Electrical switches corrected. Finished the last two batches as instructed. Samples have been collected, also as instructed.

#2 RC/ Cu-0860:

We must continue to collect samples every hour along with normal bag samples.
Hold onto and do not feed bags roped off until advised.
Midnight Shift: Continued. Feed hopper should be empty by 6am.
Day shift:
Afternoon shift: We are starting the calciner in order to run the three experimental batches (305 – 307). Follow sampling stated at the end of shift notes.

Exhaust to F1

#3 MED / D-0702:

Continue on. Plows on the mixer were adjusted. We need to make sure that the mixer is empty at the end of every batch please. Mixer will be deemed empty when amps reach 68.
Midnight Shift: Continued.
Day shift:
Afternoon Shift: Multiple issues with the mix. Had to clear out the pulva of old dired out material then had to empty the mixer by hand after drying it. Extruder is running finally. Not a banner afternoon.

#3 RC / D–0702:

On hold. Waiting for feed. After verification with engineer, we should not run directly from the dryer to calciner with the exception of when we are changing bags.
Midnight shift: Building feed. 4 bags on floor.
Day shift:
Afternoon Shift:

Exhaust to CTO-is in Automatic

#5 RC / Cu-3818:

We are running World Metals copper carb until further notice. Keep an eye on the vacumax system. 18 bags are in the Pole Barn .
Midnight Shift:
Day shift:
Afternoon shift: Started to pull World Metals Cu-3818 off the #5RC. The first bag is lot 476, bag #1. Make sure we collect samples and take them to the lab promptly.

Exhaust to 5A DC

New Pfaudler / Cr-5655 SNAP:

Continue until we get enough Al 5645 off of #1 RC in pass. There is only enough AL 5655 left for two more batches. Watch the level on the chromic acid tank. We should not have to shut down the pfaudler to make a tank. It can be made on the same shift that we run the pfaudler. Should make 2 Batches per Shift.
Midnight shift: Finished making batches.
Day shift:
Afternoon Shift: Made the last two batches available of 5655. Also added one chrome tote to the holding tank in building 9.

National Dryer / Cr 5655:

Continue feeding as material is available. Target = 700 lbs. per hour.
Midnight Shift: Continued to feed.
Day shift:
Afternoon Shift:

#4 RC / Cr 5655:

Continue to run and watch that the bags being used do not cone up at the end.
Midnight Shift: Continued.
Day shift:
Afternoon Shift: Continued to feed. Added to the green sheet 5 extra bags of Cr-5655 that were repacked – samples were collected as well.

Exhaust to 4A DC

Old Pfaudler / Clean for CEHW-1130A:

Continue with the clean up plans. A work order has been written to look at the drainage valve (drains very slowly, even when being hosed out directly (MV. 8/3/14).
Midnight Shift: No activity.
Day Shift: No change.
Afternoon Shift: No activity.

#6 RC / Clean for CEHW-1130A:

Need to do a really good clean up on slide gate at the discharge end as well as rinsing the dryer, cleaning the screener, and finishing the spiral.
Midnight shift: No activity.
Day Shift: No change.
Afternoon shift: No activity.

Exhaust to Sly Scrubber

Tower 3 / Cu 0860:

Continue On.
Midnight Shift: Continued. Will come down Wednesday morning.
Day shift:
Afternoon shift:

Tower 6 / E-474:

On hold for line space and sheave change. Work notification written to have the sheaves replaced after the following load of Cu-0860 (Batch #284).
Midnight Shift: Down until day shift-oiler issues for maintenance to address.
Day shift:
Afternoon shift: Loaded the tower but had issues with compressor.
Maintenance still working on it.

North Screener / Cu 0860:

Continue On.
Midnight shift: Continued.
Day shift:
Afternoon Shift:

South Screener / Cu 0860:

Continue On.
Midnight shift: Continued.
Day shift:
Afternoon Shift:

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

Down and waiting for dies.
Midnight shift:
Day Shift: Waiting on dies.
Afternoon shift:

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

Continue running. DC back together, pill machine in place. West machine was tested and looked / sounded good. Bag #6 was handpicked and was completed.
Midnight shift: East side is running-Powder flow and crush strength issues on west side.
Day Shift:
Afternoon shift:

TK #2 / V 2046 is next:

Saggers changed over and kiln is at about 700 degrees. We need to clean the inside (center area) of the Tunnel Kiln, replace the filter (see Taylor). Seal up the haz waste drum and put away.
Midnight shift: No change.

Day Shift: No change. Need to confirm with Bill Grodecki that we have blends ready to go.
Afternoon shift: Monitoring temps.

PK Blender / Pill Mix:

On hold until we get more sterotex.
Midnight Shift:
Day shift: No change.
Afternoon shift: No activity.

Abbe Blender:

HOLD. Waiting on next run.
Midnight shift:
Day shift: Hold
Afternoon Shift: Hold

Building 27 Belt Filter / V-2010 Trial:

On hold.
Midnight shift:
Day shift: No change.
Afternoon Shift:

Miscellaneous:

1. Work notification has been written to repair the handles on the doors of all of the mixers. Most of the doors have broken eyelets. We cannot hook the chains and then can't hold the doors up while inspecting the mixes.
2. Work notification has been written to fix the horn on the alumina gel forklift and the smoking on the 474 forklift at the towers.
3. All Cr-5655 has been repacked. The last bag (partial) will be fed at the end of the run. It has been clearly marked by RN. Don't loose it.

CU-0860 Game plan:

We have run the 3 batches as instructed (305 – 307). We are to start the calciner with the three batches.

Sampling requirements:

Mixer: MUST be checked before dropping - then get a sample of the wet mix and seal it up so it stays wet – all batches please.
Dryer: Every batch off the dryer must be sampled.

<u>Calciner:</u> Run empty before feeding this material, then using the same temp setpoints as before start calcining it. Get a SA on the material off the calciner about 20 minutes after it first exits the calciner. Adjust the temps to get SA in spec or call Bodmann for advice. SAMPLE off the calciner BEFORE spiral once per hour. Sample off the BAG if possible as well (or at least every bag change).

Priorities 1 through 8 are basically all the same priority, should be considered urgent and will require call outs for maint issues and/or processing issues.

1) Reduction Tower Screeners
2) Reduction Towers
3) #3 Line/#3RC
4) West Pfaudler/National Dryer/#4RC
5) #1 Line/#1 RC
6) #2 Line/#2RC
7) #5 RC
8) Horne Tabletting
9) Clean up East Pfaudler/HC-11 Dryer/Calciner