

Wood Kiln Run

(A)

08, 2, 6, 8, 9, 10, 11, 12

11/30/22

(11/30)

Carly, Molly, Sarah, Drew, GH, Brian, Autumn, Mandi

12:10 PM

Lit kiln

First Shift

Small camp fire in bottom, Damper at 2" open

1:06 PM

242°

adding slightly bigger wood pieces

1:37 PM

242°

adding small pieces of wood from black bin

2:07 PM

266°

maintaining small fire w/ black bin wood

2:30 PM

266°

consistently adding wood (side stove pieces)

3:00 PM

301

||

3:30 PM

317

Bigger sticks + larger more consistent flame

4:00 PM

324

starts to ramp up to bigger sticks

Start 2nd Shift GH, Autumn, Hailey

4:30 PM

355

Growing the fire w/ larger sticks + more consistent

5:00 PM

409

~50/hr

Starting to put ~~big~~ small to medium logs in middle, left, right Percent

5:30 PM

407

with small

~50/hr

Small-Md logs, any more in a while, continue smaller sticks

6:00 PM

454

Consistent fire, small md log w/ large sticks. Night has rolled in, add

6:30 PM

478

~30/hr

||

7:00 PM

520

~50/hr

keeping the same rhythm ~80/hr average

7:30 PM

597

~70/hr

Starting to increase bottom load + prep for top stove

7:55 PM

620

~50/hr

started w/ log on top grate, still stoking bottom

Start 3rd Shift

GH, Max

8:15 PM

650

1/5" closed Primary Air on L+R

8:30 PM

680

Wood with Firing (C) 08, 2, 6, 8, 9, 10, 11, 12

3rd Shift Max, GH Mendi

9:00 PM 730 Another big log in ~~top~~ ^{top} Stoker fell through to bottom

9:30 PM 711 Another big log in top stoker

10:00 PM 787 Another big log added, switched only to medium logs on bottom

10:30 PM 820 Another Big log, less push back when door opened

11:00 PM 849 Another Big log, Fell through to Bottom

11:20 PM 935 Moved Dampers out 1" on both sides, 2" total
3/5 Closed on Primary, another big log added

~~4th Shift~~ Shift Czli, Senh, Drew, Max

11:50 934 Stalling a little. But Stoker purely from top stoker. 2x logs

12:30 963 Stoking through the front. Orange glow towards fire put through side peeps 2x logs

12:44 1004 Stoking front 2x logs

1:00 1025 2x logs to left front stoker

1:15 1010 1x logs added, drop in temp, wood falling down?
Still glowing

1:25 1008 3x logs added, dropping temp?

1:35 1043 3x logs added

1:50 1080 3x logs, big wall of flames. 2 HR peeps are glowing


Wood Fire Log (2) 08, 2, 6, 8, 9, 10, 11, 12

4th shift Giff, Sarah, Max, Drew

2:00 AM 1105 3x logs, Good glow from all peeps
visible flame through back peep

2:20 AM 1105 3x logs per 5-8 mins

3:00 AM 1233 3x logs per 5-8 mins

3:10 AM 1274 2x logs / 5-8 min, Pray for 3/5  cloud to prevent cats from falling out

3:30 AM 1330 3x logs / 5-8 min, Big blaze, no clew

4 AM 1430 4x logs based off clew using side peeps and back chimney

4:30 AM 1500 3x logs, about every 5 min

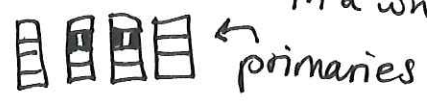
5th shift Carly, Sarah, Drew

5:00 AM 1568 3x logs watching for clearing on side, trying to keep flame big in front

5:30 AM 1595 3x logs (once and a while 4 logs) trying to maintain even time btwn stokes (around 5 mins)

6:00 AM 1621 3x logs Δ08 down!

6:30 AM 1632 4x logs 4" on damper, adding larger piece evengance in a while to keep up w/ increased oxygen



7:00 AM 1626 4x logs a bit more frequent stoking 3-5 mins

7:30 AM 1709 3-4x logs big temp jump, back to 5 min stokes
Δ08 bending on both sides

8:00 AM 1760 4x logs 5 min stokes using 4 logs / bigger logs when bed is lower
7:48 AM Δ08 ↓ on left side, right cone maybe angled wrong?

8:30 AM 1809 4x logs Δ08 ↓ on right

6th shift Carly, Autumn

9:00 AM 1868 4x logs dryer pieces - 4 med+large

9:30 AM 1873 4x logs

Wood Kiln fire log (A) 08, 2, 6, 8 9, 10, 11, 12

(12/11) 10 AM 1933 Δ2 ↓ front, Δ08 ↓ back || still stoking around 5 min 6th shift cont.
Δ2 bending on right side || apart, 3 logs if temp climbing very fast, otherwise 4 pieces

10:30 AM 1925 4x logs Δ2 ↓ right side

11:00 AM 1993 ~4x logs rake bottom so small gap below coal bed
or 3 bigger pieces Δ2 ↓ left side 11:21 Δ6 ↓ front

11:30 AM 2108 3x logs large Δ8 bending front 😊
trying to maintain this temp in front not rake coals out, just allowing air in

12:00 PM 2158 3x logs large 11:45 → Δ6 bending left side
Δ8 ↓ front

7th Shift 6th, Max Gabriel

Down
12:05 Δ6 Bend on left, Δ8 is bending
Δ6 Bending on right
12:21 2160 3x logs large Δ8 Down on left

12:40 Δ10 Bending in front
Δ8 Bending on right
Δ9 Bending on left
~~Δ2 Down in back~~ Δ2 Down in Back

1:00 2201 3-4 logs for 4-5 min. Raking channels ~30 min

1:10 Δ10 down in front
Δ8 bending on right
Δ9 down on left
Δ6 soft in back

1:20 left damper in 1", 3" total opening

1:30 2196 3 logs per 30 min. Basing of right & left clearing
slow it down to try to stall out to get more wood processed

1:35 Basing clearing out of the plane stokes @ less moisture flame
& less smoke


Wood kila for log $\Delta 08, 2, 6, 8 / 9, 10, 11, 12$
7th shift

using top blowhole ~~spark~~ to gauge stoking
 Δ less intense smoke, less intense flame = stoke

1:50 upping to 5 log stoke \rightarrow slowing down + reducing

2:00 2198 Trying to slow to process more wood

2:30 2197 keeping steady @ temp. Bigger stokes with 4-5 logs
Chimney \rightarrow blowhole \rightarrow side peeps

2:40 opening primary air to burn down cool bed 

3:00 2180 continue stoking 4-5 mid-small logs, coasting around 2180ish

3:05 $\Delta 9$ Bent left + right
 $\Delta 6$ Bent Back

3:30 2183h hold temp, process wood

4:00 2169 4-5 logs, still coasting **8th shift** balanga Sarah, Max, Giff
 $\Delta 10$ soft on left
 $\Delta 9$ Down on right
 $\Delta 8$ soft on Back

4:30 2150 4-6 logs, stalling to process more wood

5:00 2170 3-4 logs try to regain temp. Aiming for 2180's. keeping pace

6:00 2170 4-5 logs when blowhole dies
maintain sub 210 temp in back to allow more ash build up
 $\Delta 10$ half bent left (rigid?) \rightarrow
 $\Delta 9$ Down, 210 had right \rightarrow Advanced
 $\Delta 8$ soft in back \rightarrow no advancing

6:25 2200 we're going to stoke heavy

7:00 2220 Bigger stokes to keep it stable for fuel pre

7:30 2201 keeping steady with big stokes 5-7 pieces

8:00 2231 Heavy stokes, stabilize within stoking distance
8th shift

wood kiln

008, 2, 6, 8 / 9, 10, 11, 12

9th Shift

Molly, Car, Max, Grant, G.H., Sarah, Kelsey, ~~Mandi~~ Mandi Lalana

8:30 AM 2225 4" damper 4 piece stokes - smaller more often ;
Δ 8 ↓ back

9:00 AM 2263 6" damper 4x logs

□ □ □ □ } secondaries
□ ■ ■ □

9:30 AM 2287

4x logs - following when flame clears from chimney
Δ 10 ↓ left side, all bending left side
Δ 10 ↓ right, all soft right side
Δ 10 bending back
→ aiming for Δ 10 ↓ in back

10:06 PM 2303

4x logs

10:30 PM 2319

"

Δ 10 ↓ back Δ 12 ↓ front
Δ 12 ↓ left side
Δ 11 bending right side

SHUTTING DOWN!

11:15 pm 2330

start shut down process. stoking bundles of side stoke wood in front while we mud up holes + clean kiln pad.

mid holes in front, open passive air damper above damper. brick in front stoke hole. after front holes are bricked, + muddled, then close damper.

11:30 pm last stoke

11:45 pm done!