

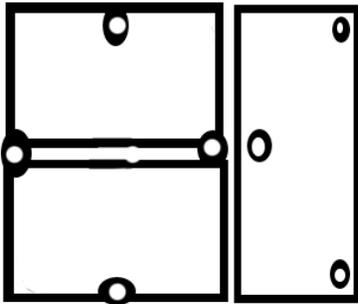
Siggie Cone 10 Reduction Schedule

This schedule is designed to: a) help kiln stay even; b) have 08 down before 10 am on day 2; c) have cone 10 down between 5 PM and 10 PM on day 2.

DAY #1

Load Kiln

1. See template for shelf and brick placement below.
2. Suggested cones for cone pack: 08/04/01/4 & 6/ 8/9/10/11



5:30 PM:

1. Kiln loaded, cone packs in place, door closed
2. Damper set to 2 ½" inches.
3. Starting kiln:
 - 1) Set Blower flap so that it is set open see diagram (# 1.) The (R) squirrel cage blower flap should be closed a little more than the (L) blower flap. Atypically you may need to assist the squirrel cage blower on the (L) in some cases when the air setting is set below 50cfm.
 - 2) Spies in.
 - 3) Make sure that the Digital Readout shows that you are on program Ptn2
 - 4) Press the Run Button on the Digital Readout – the orange numbers display will begin to rise, once these numbers cycle beyond the green numbers display you will be ready for the next step.
 - 5) Turn the main kiln switch on this is on the side of the control box. The blowers will begin functioning and you should see no flame from the pilots or burners until the 90 second purge is complete.
 - 6) After the Purge the pilots will ignite. Next you will here a pop/click this is the safety valve opening for the main gas.
 - 7) Adjust the main gas valve with the red handle to the open position to 4" wcp.
 - 8) Adjust and set air pressure to 80 cfm. and set air flaps on blowers

Left and Right burners will show a strong turquoise flame with no orange on both sides

9:30 PM

Moderate turn up (Turn up to 5 ½ an inch on gas valve keeping turquoise flame and damper remains at 2 ½ inches / blower adjustment is the same as in diagram (# 1.)

LEAVE KILN TO BUILD EVEN TEMPERATURE AND RED HEAT OVER NIGHT

Digital Readout: Orange numbers is the kilns Goal to reach. Green Numbers are the Actual temp inside the kiln. **WARNING:** The Top & bottom Temp. Switch is Sensitive. If you flip this switch slowly, the kiln will shut off! So flip the switch quickly up and down only when it's really necessary. If the kiln happens to shut off. Go back to STARTING KILN DIRECTIONS.

DAY #2

8:00 AM (10 hours remain after the first morning turn up)

- 1) The kiln should have red heat, and be relatively even, between 1690°F & 1750°F.
- 2) Leave Damper set at to 2"
- 3) blower adjustment raise air to 90cfm –
- 4) Blower flaps are adjusted open see diagram (# 2.)
- 5) Turn up Gas Full so that the WCP gauge reads 7 ¼ “inches of water column pressure on gas gauge. At this time check kiln every half-hour to see what cones are doing.
- 6) Your first cone should begin to bend with in this hour. So don't go back to sleep! Between cone 08 and 04 where ever it bends first, top or bottom begin thinking reduction.
- 7) When 08 goes down around 1800°F Adjust damper: Set dampers between 1”& ¾” open, this will help set body and begin reduction.
- 8) Adjust and set air flaps on blowers, while keeping greenish flame exiting the flue.
- 9) At this time there should be a translucent green flame (3-6 inches) at the top spy/peep hole when plug is pulled and the kiln is in reduction. The bottom spy hole should have back pressure or a small wisp of flame licking from the top of the peep no more that 2” any more than this will be bad news and stall the top of the kiln.
- 10) After cone 04 has gone down check kiln every hour to see what cones are doing and to make slight adjustments to keep kiln even and in reduction.