SKUTT ERROR CODES

CODE	DESCRIPTION	CAUSES	CORRECTION
Fail	Steady display all thermocouples (T/C's) have failed. If flashing thermocouples of a zone control kiln has failed.		Change T/C.
E-0	Software Error	Caused by hardware or electrical noise, can be caused by electrical spikes, surges, or arcing.	Recheck the selected program, and reprogram if necessary.
E-1	The temperature is increasing less than 12 degrees per hour during a ramp segment, where the temperature is programmed to increase. This slow rate must persist for 22.5 minutes before the error is displayed.	Worn or old heating elements. Low voltage to the kiln. A broken heating element or faulty relay. Burned or broken wires to the elements or relays. Electrical noise.	Check elements. Check Relays. Use VOLT Menu feature to check voltage.
E-2	During a hold segment the temperature rises to greater than 50 degrees above the hold temperature which was set. The temperature must stay 50 degrees above this set temperature for 18 seconds before the error is displayed.	Stuck relay.	If only one section (or relay) remains on then it is a stuck relay. Turn of breaker to shutoff power to the kiln.
E-3	During a hold segment the temperature is more than 50 degrees below the hold temperature which was set. The temperature must stay 50 degrees below this set temperature for 18 seconds before the error is displayed.	Opening the door or lid of the kiln. Relay or element failed during firing.	Check relay. Check elements.
E-4	The firing is in a ramp segment where the temperature is programmed to decrease and temperature is more than 50 degrees above the previous hold temperature. The temperature must remain 50 degrees about the hold temperature for 18 seconds before the error is displayed. E- 4 is the same as E- 2 except that E- 4 occurs during a ramp phase rather than a HOLD.	Stuck relay. Skipped step feature.	Check relay. If E- 4 occurs when skipping a ramp phase, press a key to clear the error. Allow the kiln to cool to within 50 degrees of the next hold temperature. Restart kiln and skip steps until you get to the segment you want.
E-5	A Negative temperature is displayed. This generally indicates the thermocouple is connected incorrectly. To correct this situation, ensure the red and yellow wires are connected correctly to the controller and at all junctions. You can identify the red lead on an unmarked thermocouple with a magnet because a magnet will be attracted to the red lead.	Open door or lid. Bad elements. Bad relay.	Check elements. Check relay.
E-6	A Negative temperature is displayed. This generally indicates the thermocouple is connected incorrectly. To correct this situation, ensure the red and yellow wires are connected correctly to the controller and at all junctions. You can identify the red lead on an unmarked thermocouple with a magnet because a magnet will be attracted to the red lead.	Using the kiln in temperatures below 0 degrees °F (17 degrees °C). Thermocouple (T/C) connected backwards, red and yellow leads reversed. Board has been damaged by static electricity or ESD (electro static discharge).	Check T/C to make sure it is connected properly. Do T/C bypass test, if temperature reading is still negative, the board has been damaged and needs service.
E-8	When using the CONE FIRE MODE, the temperature is decreasing during the last ramp segment. If this a KilnSitter Kiln using a Wall Mount Controller, KilnSitter may have shut off the kiln.	Faulty relay. Broken Element. KilnSitter Shut-off kiln.	Check relay. Check Elements. Check Cone used in KilnSitter.
PF	Continuous PF in display.	Indicates a long-term power outage The kiln has been shut	Press 1 to clear the display and restart the kiln.

		down.	
Err P	A continuous Err P indicates a short term power outage has occurred and the kiln has continued with the program.	Power Outage. Power Surge.	Press 1 to clear the display If firing was in progress, it will continue.
Err-	The Err with a dash indicates there was a power loss to the controller while writing a program to the non-volatile memory chip.	Power loss.	Recheck the selected program, and reprogram if necessary.
E- E or E- t	A hardware error has been detected by the controller software.	Hardware error.	The controller must be returned for service or replaced.
E-d	The kiln or one of the zones in a zone control kiln, is more than 100°F (37°C) above the traveling set point.	Stuck relay.	Stuck relay(s).
E-A	Invalid Program variable.		Reprogram if problem persists have board sent in for service.
StUc	Key was held too long or was stuck.		If problem persists after releasing key have keypad replaced.
E-bd	Controller is reading a board temperature above 160 degrees. Firing has stopped.	Room temperature is too hot.	Lower room temperature below 100°F (37°C).
E-H	Analog to Digital Converter did not pass the self – check diagnostic test on reset.		Board will need to be serviced or replaced.