

## APPENDIX 9 - PRIMARY DISPLAY MESSAGES

Messages displayed while accessing menu functions are described in the menu section of the manual. They are not listed below.

### ALRM

The controller is asking for an alarm temperature to be entered between 0° and 9999° that will alert the operator to take action.

### CONE

The kiln is in CONE FIRE MODE and needs the operator to input an appropriate Cone value from 022 to 10.

### CPLt

The controller has completed a firing profile. The firing time in hours and minutes is displayed along with the current internal temperature of the kiln. press ENTER to return to Idle Mode.

### dELA

This is a prompt to enter a time in hours and minutes to delay the firing before starting the program. Enter a time or all zeros for no delay.

### E-##

A software error has occurred. Press any key to display the elapsed firing time and the temperature when the error occurred. Consult section on Error Codes for troubleshooting information.

### F1, F2, F3, F4, F5, F6, F7 or F8

The controller is in RAMP/HOLD mode. The user needs to input an end temperature in °F or °C for **each** segment of the firing profile.

### FAIL

The thermocouple and controller are not properly connected. Fix the connection, then Press **ENTER** to display the kiln's current temperature. Press Start after the connection is fixed. The thermocouple could be damaged. Check the connections, if still no luck you may need a new thermocouple.

### HOLD

Indicates a holding time in hours and minutes at the end of a CONE FIRE program.

### Hld1, Hld2, Hld3, Hld4, Hld5, Hld6, Hld7 or Hld8

The controller is in RAMP/HOLD programming mode. The user needs to input a period of time in hours and minutes that the controller should maintain for **each** segment of the firing profile.

### -ON-

Briefly displayed at the beginning of firing to indicate that the kiln has started.

### PROG

A prompt at the beginning of a RAMP/HOLD program which allows the user to select a stored program.

**RA1, RA2, RA3, RA4, RA5, RA6, RA7 or RA8**

The controller is in RAMP/HOLD programming mode. The user needs to input an appropriate temperature in °F/hr or °C/hr for **each** segment in the profile.

**SEGS**

(Looks like SE65) The controller is in RAMP/HOLD mode. The user needs to **Input** the number of segments in the profile being programmed.

**SKIP**

Short for Skip Step. Can be selected during a RAMP/HOLD program when one feels that adequate heat work has been done in the current segment. Immediately advances the program to the next segment.

**SPd**

The controller is in CONE FIRE MODE. The user needs to Input the appropriate speed; slow, medium or fast for this firing.

**STOP**

Designates the intentional termination of a program while in operation.

**WAIT**

Displays at the time the kiln is initially powered up. Wait for the display to return to Idle Mode.

**Flashes twice** at the end of programming while the controller is processing the information you have input.

**FLASHING TEMPERATURE AND IdLE**

The kiln is in Idle Mode. The kiln is off and the display is showing the kiln's current temperature.

**ALTERNATING DISPLAY OF TIME AND TEMPERATURE**

The kiln is in a RAMP/HOLD firing profile and is in the soak stage. The display is indicating the kiln's internal temperature and the remaining Hold time for that segment.

**DECREASING TIME**

The kiln is in a Delay start segment of a **CONE FIRE** or **RAMP/HOLD** mode. The display is showing the remaining time before the kiln starts to heat.

**STEADY TEMPERATURE**

The kiln is in the ramping stage of either a **CONE FIRE** or **RAMP/HOLD** fire profile.

**DECIMAL POINT BETWEEN 10's AND 100's**

Hours are to the left of the decimal and minutes are to the right.

**RIGHT HAND DECIMAL POINT ON**

Kiln is operating in Celsius temperature scale. To change back to Fahrenheit temperature scale consult the MENU Options.