

MESSAGE ON CONTROLLER	ERROR CONDITION	POSSIBLE CAUSE	POSSIBLE SOLUTION
The maximum allowable temperature for this device has been exceeded, the firing is Aborted.	Max Temperature Exceeded	Programmed Temperature too High Relay Failure	Reduce programmed top temperature Verify relay turns off when 12VDC removed
The controller has detected a failure to heat, the firing is Aborted.	Failing to Heat for Too Long	Intermittent/Shorted Thermocouple Relay Failure Element Failure Reduced Power Available	Check Thermocouple to ensure not broken or shorted Verify relay turns on when 12VDC applied Verify Element is not Open Circuit Verify source power
The controller has detected a ramp rate in excess of the programmed ramp rate, the firing is aborted. This could be due to a latched relay.	Ramp Rate Exceeded	Relay Failure Controller Output Failure	Verify relay turns off when 12VDC removed Verify controller output 0VDC when in standby
The controller has detected a failure to cool. This firing is aborted.	Failure to Cool	Relay Failure Controller Output Failure	Verify relay turns off when 12VDC removed Verify controller output 0VDC when in standby
The controller has detected a high temperature deviation from the setpoint, the firing is aborted. This could be due to a latched relay.	High Temp Deviation from Setpoint	Relay Failure Controller Output Failure	Verify relay turns off when 12VDC removed Verify controller output 0VDC when in standby
The controller has detected a rising temperature while not actively firing. This could be the result of latched relays.	Rising Temperature Alarm	Relay Failure Controller Output Failure	Verify relay turns off when 12VDC removed Verify controller output 0VDC when in standby
No thermocouple is detected. Firing is Aborted.	No Thermocouple Detected Alarm	Thermocouple Failure Thermocouple connection bad Controller Input Failure	Verify Thermocouple is not broken Verify Thermocouple Connection at the controller and Isothermal block Contact SDS Industries
Failed to Initialize AD7799 Hardware.	Analog to Digital Converter has Failed	Analog to Digital Converter has Failed.	Contact SDS Industries as a replacement controller will be needed.

Please contact our Support Team with any questions. We're happy to assist you!