



# Kiln Maintenance Log

Date \_\_\_\_\_

Customer \_\_\_\_\_  
 Contact \_\_\_\_\_  
 Location \_\_\_\_\_  
 Model \_\_\_\_\_  
 Voltage \_\_\_\_\_  
 Phase \_\_\_\_\_  
 Serial # \_\_\_\_\_

Repair Company \_\_\_\_\_  
 Technician \_\_\_\_\_  
 Phone \_\_\_\_\_

Reason for Service Call  
 \_\_\_\_\_  
 \_\_\_\_\_

## Room-Shelves-Ventilation Inspection

Room	Shelves	Venting
18" Clearance Around Kiln _____	Free of Cracks _____	Flame Test _____
Minimum 2" Masonary Floor _____	Full Kiln Wash Coverage _____	Duct Leaks _____
Room Free of Combustibles _____	Stored on Edge _____	Motor Noise _____
		Room Ventilation _____

Recomendations  
 \_\_\_\_\_

## Electrical, Bands, Peep Plugs and Hardware Inspection

Check for: Burned Wires (BW), Burned Connections (BC), Loose Connections (LC), Splits and Cracks (SC) Dust (D) and Corrosion (C)

Behind The Heat Baffle

Power Cord _____	Harness Wires _____	Lid Band _____
Plug _____	Relays _____	Slab Band _____
Feeder Wires _____	Fuse _____	Body Bands _____
Terminal Strip _____	Transformer _____	Peep Plugs _____
Terminal Block _____	Therm. Wire _____	Lid Brace Hardware _____
Elements _____	Terminal Strip _____	Lid Prop Hardware _____
Thermocouple _____	Fuse and Holder _____	Handles _____
Therm. Wire _____	Controller _____	Stand _____

Recomendations  
 \_\_\_\_\_

## Brick Inspection

Shallow hairline cracks are normal and expected. Replace brick components when cracks transfer completely through the brick. Replace wall bricks if groove lip breaks out and cannot support the element.



Recomendations  
 \_\_\_\_\_

# KILN MAINTENANCE CHECKLIST CONTINUED

## General Maintenance Performed

Tightened Bands \_\_\_\_\_ Vacuumed Chamber \_\_\_\_\_ Tightened Screws \_\_\_\_\_

## Record Controller Readings

### Electrical

Amps 1 \_\_\_\_\_ No Load Volts \_\_\_\_\_ Output 1 Volts \_\_\_\_\_  
 Amps 2 \_\_\_\_\_ Full Load Volts \_\_\_\_\_ Output 2 Volts \_\_\_\_\_  
 Amps 3 \_\_\_\_\_ Output 3 Volts \_\_\_\_\_  
 Safety Volts \_\_\_\_\_

### Firing Info

Firing # \_\_\_\_\_ Final ROR \_\_\_\_\_ Board Temp \_\_\_\_\_ Set Point \_\_\_\_\_  
 Result \_\_\_\_\_ Program \_\_\_\_\_ Zone 1 Temp \_\_\_\_\_ Hold Time \_\_\_\_\_  
 Max Temp \_\_\_\_\_ Days \_\_\_\_\_ Zone 2 Temp \_\_\_\_\_ Stage \_\_\_\_\_  
 Error Temp \_\_\_\_\_ Hours/Min. \_\_\_\_\_ Zone 3 Temp \_\_\_\_\_ Cost \_\_\_\_\_

## Manual Readings

Replace elements that are 5% over factory recommended Ohms  
[Resistance Reading PDF](#)

Elements				Relays				
Repl. ?	% Dif.	Factory	Ohms Read	Amps Read	Amps Factory	% Dif.	Relay Cycles	Repl. ?
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____

0 Amp readings indicate a bad relay or relay wire.  
 Amp readings that are approximately half of the recommended value generally indicate a broken element.  
[Amp Reading PDF](#)

## Recommendations

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REPAIRS