

# *GRANCO CLARK SERVICE BULLETIN*

## **BILLET/LOG FURNACE MAINTENANCE**

### **DAILY:**

1. Check the condition of the probe rods and sharpen if necessary.
2. Check the probe rod connections for tightness.

### **WEEKLY:**

1. Grease the hot jet fan bearing per the fan manufacturer's instructions.
2. Clean the compressed air filters.
3. Check the operation of the probe cylinders and adjust the flow controls if necessary.
4. Oil all drive chains.

### **MONTHLY:**

1. Check the tension of the hot jet fan belts.
2. Check all drive chains and tighten if necessary.
3. Grease all bearings.
4. Check the exit door gap and adjust as necessary.
6. Check the operation of all air and hydraulic cylinders.
7. Clean the combustion blower filter.
8. Check all limit, proximity and photo switches for proper operation and the mounting brackets for tightness
9. Check the probe cylinder air regulator setting per pneumatic schematic and all other regulators per pneumatic schematic.

### **SEMI-ANNUALLY:**

1. Check the calibration of the temperature control instruments and or the thermocouple input module.
2. Check the zero adjustment of the tunnel pressure transmitter.
3. Check the butterfly valve linkage for proper adjustment.
4. Check the furnace anchor bolts for tightness.
5. Check the oil lever in the gear reducers (if equipped).
6. Adjust the motor brakes (if equipped).

### **ANNUALLY:**

1. Check the furnace combustion settings and adjust according to the combustion schematic and instructions in the service manual.
2. Replace the battery in the programmable controller (if equipped).