

# Typical Preventative Maintenance Check List

## Yearly

**The following items are inspected should be inspected in addition to those items on the Monthly and Quarterly Check Lists**

### **Integral Quench Furnace**

- |   |  |
|---|--|
| <input type="checkbox"/> Drain Compressed Air Filter            | <input type="checkbox"/> Fill Comp. Air Filter Oil Reservoir   |
| <input type="checkbox"/> Clean and Refill Gas Flowmeters        | <input type="checkbox"/> Clean and Reset Endo Line Firecheck   |
| <input type="checkbox"/> Clean Pilots and Flame Curtain Pipe    | <input type="checkbox"/> Inspect TC's & Protection Tubes       |
| <input type="checkbox"/> Clean Combustion Air Filter            | <input type="checkbox"/> Check & Clean Oil Heaters             |
| <input type="checkbox"/> Clean Oil Pump Filters                 | <input type="checkbox"/> Inspect Carbon Probe & Air Supply     |
| <input type="checkbox"/> Inspect Furnace Insulation             | <input type="checkbox"/> Inspect Furnace Alloy & Roof Fan      |
| <input type="checkbox"/> Inspect Inner Door Condition/Operation | <input type="checkbox"/> Inspect Alignment of Quench Elevator  |
| <input type="checkbox"/> Inspect & Test Rear Handler            | <input type="checkbox"/> Test Heating Chamber for leaks        |
| <input type="checkbox"/> Test Quench Vestibule for leaks        | <input type="checkbox"/> Perform leak test on MRSV's/Solenoids |
| <input type="checkbox"/> Tune Burner System                     | <input type="checkbox"/> Check all Piping for leaks            |

### **Temper Furnace**

- |  |   |
|--|---|
| <input type="checkbox"/> Inspect Furnace Insulation          | <input type="checkbox"/> Inspect Furnace Alloy                |
| <input type="checkbox"/> Inspect Exhaust Damper              | <input type="checkbox"/> Inspect TC's & Protection Tubes      |
| <input type="checkbox"/> Inspect Door Condition & Operation  | <input type="checkbox"/> Inspect Roller Rails and Chain Guide |
| <input type="checkbox"/> Perform Leak Test on MRSV/Solenoids | <input type="checkbox"/> Clean Combustion Air Filter          |
| <input type="checkbox"/> Tune Burner System                  | <input type="checkbox"/> Drain Compressed Air Filter          |
| <input type="checkbox"/> Fill Comp. Air Filter Oil Reservoir | <input type="checkbox"/> Test Heating Chamber for leaks       |

### **Washer**

- |  |  |
|--|--|
| <input type="checkbox"/> Drain Compressed Air Filter | <input type="checkbox"/> Fill Comp. Air Filter Oil Reservoir |
| <input type="checkbox"/> Tune Burner System          | <input type="checkbox"/> Check all Piping for leaks          |

### **Endothermic Gas Generator**

- |  |  |
|--|--|
| <input type="checkbox"/> Clean Combustion Air Filter         | <input type="checkbox"/> Clean and Refill Gas Flowmeters |
| <input type="checkbox"/> Clean and Reset Endo Line Firecheck | <input type="checkbox"/> Remove & Inspect Retort         |
| <input type="checkbox"/> Replace Catalyst                    | <input type="checkbox"/> Inspect Generator Refractory    |
| <input type="checkbox"/> Clean out "Top Hat" & Gas Cooler    | <input type="checkbox"/> Clean Burn-Off Can and Pilot    |
| <input type="checkbox"/> Disassemble Mixer Pump & Inspect    | <input type="checkbox"/> Inspect TC's & Protection Tubes |
| <input type="checkbox"/> Inspect Carbon Probe & Well         | <input type="checkbox"/> Check all Piping for leaks      |