

# Complete Tune-up & Calibration

Complete Tune-up & Calibration  
Issued on Tue Mar 19, 2019



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## Customer

Test One  
1234 Main Street  
Fairfax, VA 22031  
703-555-1234

## Service Location

Test One  
703-555-1234  
1234 Main Street  
Fairfax, VA 22031

## Details

**Job Name:** Complete Tune-up & Calibration

**Status:** New

**Type:** Complete Tune-up & Calibration

**Job Description:**

Quantity	Item Name	Notes

## Cremation Unit Information

<b>Make:</b>	
<b>Model:</b>	
<b>Year:</b>	
<b>Serial Number:</b>	

## Refractory Inspection/ Primary (Main) Chamber

<b>Needs Repair in ESTIMATED:</b>	
<b>Hearth Floor Type:</b>	
<b>Hearth Floor Condition:</b>	
<b>Hearth Right Side Wall Type:</b>	
<b>Hearth Right Side Wall Condition:</b>	
<b>Hearth Left Side Wall Type:</b>	
<b>Hearth Left Side Wall Condition:</b>	
<b>Hearth Roof/ Arch Type:</b>	

<b>Hearth Roof/ Arch Condition:</b>	
<b>Front Lintel Type:</b>	
<b>Front Lintel Condition:</b>	
<b>Door Seals Type:</b>	
<b>Door Seals Condition:</b>	
<b>Ash Compartment Type:</b>	
<b>Ash Compartment Condition:</b>	
<b>Burner Block Type:</b>	
<b>Burner Block Condition:</b>	
<b>Loading Door Type:</b>	
<b>Loading Door Condition:</b>	
<b>Refractory Inspection and Main Chamber Comments:</b>	
<b>Refractory Insp./ Secondary (Afterburner) Chamber</b>	
<b>Note:</b>	Remove the top sheet and throat area roof/arch insulation around the Afterburner only. Inspect the Burn Block and castable area beneath the burner block for proper seal and deterioration. (Super PPIII ONLY)
<b>Needs Repair in ESTIMATED:</b>	
<b>Burner Block Condition (Super PPIII ONLY):</b>	
<b>Clean Out Settling Chamber:</b>	
<b>Amount of Debris Removed:</b>	
<b>After Chamber Walls Condition:</b>	
<b>After Chamber Roof/Arch Condition:</b>	
<b>Burner Block Condition (Afterburner):</b>	
<b>Arch Lintels Condition:</b>	
<b>Settling Chamber Condition:</b>	
<b>Settling Chamber Floor Condition:</b>	
<b>Clean Out Stack 90 Degree Section:</b>	
<b>Refractory Inspection and Secondary Chamber Comments:</b>	
<b>Mechanical Condition</b>	
<b>Inspect Hydraulic Systems:</b>	
<b>Hydraulic System Comments:</b>	
<b>Inspect Hydraulic Fluid in Pump:</b>	
<b>Hydraulic Fluid in Pump Comments:</b>	
<b>Inspect Door Chains/ Master Links:</b>	
<b>Door Chains/ Master Links Comments:</b>	
<b>Ensure Proper Door Seal:</b>	
<b>Proper Door Seal Comments:</b>	
<b>Inspect Limit Switch:</b>	
<b>Limit Switch Comments:</b>	
<b>Inspect PV Air Line and Bleeder Valve (ALL ONLY):</b>	
<b>PV Air Line and Bleeder Valve Comments:</b>	
<b>Inspect Main Burner Pilot Mixer (ALL ONLY):</b>	

<b>Main Burner Pilot Mixer Comments:</b>	
<b>Inspect Spark Plugs (Main Chamber):</b>	
<b>Inspect Spark Plugs (Afterburner):</b>	
<b>Spark Plug Type (Main Burner):</b>	
<b>Spark Plug Type (After Burner):</b>	
<b>Inspect Flame Safeguard / Burner Control (Main Burner):</b>	
<b>Inspect Flame Safeguard/ Burner Control (After Burner):</b>	
<b>Safeguard Type (Main Burner):</b>	
<b>Safeguard Type (After Burner):</b>	
<b>Inspect Flame Rod (Main Burner):</b>	
<b>Inspect Flame Rod (After Burner):</b>	
<b>Flame Rod Type (Main Burner):</b>	
<b>Flame Rod Type (After Burner):</b>	
<b>Inspect UV (Main Burner):</b>	
<b>Inspect UV (After Burner):</b>	
<b>UV Type (Main Burner):</b>	
<b>UV Type (After Burner):</b>	
<b>Inspect Fan Blades:</b>	
<b>Fan Blade Comments:</b>	
<b>Inspect Timers:</b>	
<b>Timer Comments:</b>	
<b>Lubricate Motors:</b>	
<b>Motor Comments:</b>	
<b>Lubricate Pillow Blocks:</b>	
<b>Pillow Block Comments:</b>	
<b>Lubricate Door Chains:</b>	
<b>Door Chain Comments:</b>	
<b>Clean Pollution/ Opacity Control Lenses:</b>	
<b>Pollution/ Opacity Control Lenses Comments:</b>	
<b>Inspect Thermocouples (Main Burner):</b>	
<b>Thermocouple (Main Burner) Size:</b>	
<b>Inspect Thermocouples (After Burner):</b>	
<b>Thermocouple (After Burner) Size:</b>	
<b>Electrical Condition</b>	
<b>Check Panel Lights:</b>	
<b>Panel Lights Comments:</b>	
<b>Check for Loose Connections:</b>	
<b>Loose Connections Comments:</b>	
<b>Blower Motor Max Rating Amps:</b>	
<b>Check Blower Motor (Operating Amps):</b>	
<b>Blower Motor Amps Comments:</b>	
<b>Afterburner Motor Max Rating Amps:</b>	
<b>Afterburner Motor (Operating Amps):</b>	

<b>Afterburner Motor Amps Comments:</b>	
<b>Check Operation of Temperature Cont:</b>	
<b>Operation of Temperature Cont Comments:</b>	
<b>Check Operation of Timers:</b>	
<b>Operation of Timers Comments:</b>	
<b>Set Points/Alarms (Main Burner):</b>	
<b>Points/Alarms (Main Burner) Comments:</b>	
<b>Set Points/Alarms (Afterburner):</b>	
<b>Points/Alarms (Afterburner) Comments:</b>	
<b>Set Points/Alarms (After Burner Hi Limit):</b>	
<b>Points/Alarms (After Burner Hi Limit) Comments:</b>	

### Stack

<b>Stack Notice:</b>	If stack(s) is/are older than 10 years, replacement is recommended. Clearance 8" to 10" Free Air Space Around Stack.
<b>Stack Type:</b>	
<b>Stack Length (ft):</b>	
<b>Outside Diameter:</b>	
<b>Insulation Length (Shotgun Stack Only or Single Wall Stack):</b>	
<b>Year Installed:</b>	
<b>Roof Type:</b>	
<b>Actual clearance from stack to internal wall:</b>	
<b>Unsafe Conditions:</b>	
<b>Inspect Heat Shield and Thimble:</b>	
<b>Noticeable Hot Spots:</b>	
<b>(If Yes) What is the temperature:</b>	
<b>Stack Condition (Exterior):</b>	
<b>Insulation Condition (Shotgun Stack Only or Single Wall Stack):</b>	
<b>Stack Lining Condition (Interior):</b>	
<b>Stack Notes:</b>	

### Processor

<b>Processor Make:</b>	
<b>Processor Model:</b>	
<b>Condition of Bearings:</b>	
<b>Condition of Blades:</b>	
<b>Condition of Drums:</b>	
<b>Processor Notes:</b>	

### Final Inspection

<b>Ensure all damper motors are operating properly:</b>	
<b>Ensure all dampers are in the closed position (when off):</b>	
<b>Ensure all gas valves are open:</b>	
<b>Ensure there are no gas leaks:</b>	
<b>Ensure all panels are installed correctly:</b>	

Ensure correct set points are programmed:	
<b>Review Procedures with Operator</b>	
Importance of Operating Equipment Properly:	
Importance of Routine Maintenance:	
Importance of Cleaning Out Settling Chamber:	
Importance of Obese Case Cremation Process:	
Review Service with Operator/Owner or Manager:	
<b>Repair Completion Comments and Acknowledgement</b>	
Additional Technician Remarks or Suggestions:	
Final Technician Recommendations and Comments:	
<b>Cold Hearth Fuel and Air Settings</b>	
Cold Hearth Model (Complete ONLY if unit is a cold hearth):	
Throat Air Current Settings (Cold Hearth):	
Throat Air Actual Settings (Cold Hearth) (if modified by tech):	
Hearth Air Current Settings (Cold Hearth):	
Hearth Air Actual Settings (Cold Hearth) (if modified by tech):	
Blast Gate Current Settings:	
Blast Gate Actual Settings (if modified by tech):	
Main Burner Air (High Fire) Current Settings:	
Main Burner Air (High Fire) Actual Settings (if modified by tech):	
Main Burner Air (Low Fire) Current Settings:	
Main Burner Air (Low Fire) Actual Settings (if modified by tech):	
Main Burner Fuel (High Fire) Current Settings:	
Main Burner Fuel (High Fire) Actual Settings (if modified by tech):	
Main Burner Fuel (Low Fire) Current Settings:	
Main Burner Fuel (Low Fire) Actual Settings (if modified by tech):	
Afterburner Air (High Fire) Current Settings:	
Afterburner Air (High Fire) Actual Settings (if modified by tech):	
Afterburner Air (Low Fire) Current Settings:	
Afterburner Air (Low Fire) Actual Settings (if modified by tech):	
Afterburner Fuel (High Fire) Current Settings:	
Afterburner Fuel (High Fire) Actual Settings (if modified by tech):	
Afterburner Fuel (Low Fire) Current Settings:	
Afterburner Fuel (Low Fire) Actual Settings (if modified by tech):	
Draft Current Settings:	
Draft Actual Settings (if modified by tech):	
<b>Hot Hearth Fuel and Air Settings</b>	
Hot Hearth Model:	
Throat Air Current Settings (Hot Hearth):	
Throat Air Actual Settings (Hot Hearth) (if modified by tech):	
Hearth Air Current Settings (Hot Hearth):	
Hearth Air Actual Settings (Hot Hearth) (if modified by tech):	
Afterburner Fixed Air Current Settings:	

<b>Afterburner Fixed Air Actual Settings (if modified by tech):</b>	
<b>Afterburner Fuel (High) Actual Settings:</b>	
<b>Afterburner Fuel (Low) Actual Settings:</b>	
<b>Main Burner Fixed Air Current Settings:</b>	
<b>Main Burner Fixed Air Actual Settings (if modified by tech):</b>	
<b>Main Burner Fuel (High) Actual Settings:</b>	
<b>Main Burner Fuel (Low) Actual Settings:</b>	
<b>Secondary Air Current Settings:</b>	
<b>Secondary Air Actual Settings (if modified by tech):</b>	
<b>Secondary Burner Current Settings:</b>	
<b>Secondary Burner Actual Settings (if modified by tech):</b>	
<b>Venturi Current Settings:</b>	
<b>Venturi Actual Settings (if modified by tech):</b>	
<b>Cremation Over Fire Current Settings:</b>	
<b>Cremation Over Fire Actual Settings (if modified by tech):</b>	
<b>Cremation Arch Air Current Settings:</b>	
<b>Cremation Arch Air Actual Settings (if modified by tech):</b>	
<b>Fuel/Air Settings Comments:</b>	

Appointments	
Assign/Appointment	Date/Time
Segovia, Mario	Tue Mar 19, 2019 2:00 PM

**AUTHORIZATION:**

The undersigned, being a responsible employee for the above named job, does hereby authorize all necessary repairs to the equipment herein, and agrees to pay for the same upon completion of the job. All payments are due at time of completion either by check, cash, or credit card.

**NOTICE TO OWNER:**

Under the Mechanic's Lien Law, any contractor, subcontractor, laborer, materialman, or other person who helps to improve your property and is not paid for his labor, service, and material, has a right to enforce his claim against your property.

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Client Signature

Date