



# START-UP CHECK LIST

## AMU (TAM) Systems - Motorized Ball Valve

MODEL TA \_\_\_\_\_  
 JOB NAME \_\_\_\_\_  
 JOB ADDRESS \_\_\_\_\_  
 INSTALLING CONTRACTOR \_\_\_\_\_  
 TECHNICIAN \_\_\_\_\_

SERIAL # \_\_\_\_\_  
 DATE \_\_\_\_\_  
 SIGNATURE \_\_\_\_\_

### PRESTART CHECKS



Installed Fuse/Breaker Size \_\_\_\_\_ Amps   
 Control Voltage \_\_\_\_\_   
 All Remote Wiring in Place   
 All Terminal Connections Tight   
 Inlet Gas Pipe Size \_\_\_\_\_ Inches   
 Inlet Gas Pressure \_\_\_\_\_ ("wc) or (PSI)   
 All Duct, Unit Accessories and Unit Joints Sealed

### OPERATIONAL CHECKS (cont.)



VDC to Mod Gas Valve (VM-1) High Fire \_\_\_\_\_   
 VDC to Mod Gas Valve (VM-1) High Fire \_\_\_\_\_   
 Low Speed (if 2<sup>spd</sup>) \_\_\_\_\_   
 Burner Modulates from Temp. Control by Others   
 Temp. Controller Provides Stable Discharge Temp.   
 Unit Starts and Stops per Sequence of Operation   
 Unit Starts and Stops from Time Clock (CLK-1)\*   
 Unit Starts and Stops from Unocc Stat (T-3)\*

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 To Mail - Fold on Dotted Line and Seal  
 or FAX to 715 - 597 - 3620

### OPERATIONAL CHECKS



Service Switches (SW-5 & SW-6)   
 Low Temp Limit (LTS-1)\*   
 Damper Actuator (DM-1)\*   
 Actuator End Switch\*   
 Air Flow Switches (P-1 & P-1A)   
 Burner Profile Air Press. Drop - \_\_\_\_\_ "wc   
 Burner Profile Air Press. Drop - Low Spd. \_\_\_\_\_ "wc   
 Inlet Duct Stat (T-1)\*   
 High Temp Limit (TL-1)   
 Low Gas Press Switch (P-2)\*   
 High Gas Press Switch (P-3)   
 Flame Safeguard Signal (FS-1)   
   Pilot \_\_\_\_\_ VDC   Low Fire \_\_\_\_\_ VDC   
   Flame Safeguard Trips (FS-1)   
 Gas Manifold Pressure   
   Burner Off \_\_\_\_\_ "wc   
   Burner at High Fire \_\_\_\_\_ "wc   
   Burner at High Fire (if 2<sup>spd</sup>) \_\_\_\_\_ "wc

### CONTROL SETTINGS



Low Temperature Limit (LTS-1)\*   
   Time - **3 Minutes**    Temperature \_\_\_\_\_ °F   
 Inlet Duct Stat (T-1)\* \_\_\_\_\_ °F   
 High Temperature Limit (TL-1) **185°F**   
 Low Gas Press Switch (P-2)\* \_\_\_\_\_ "wc   
 High Gas Press Switch (P-3) \_\_\_\_\_ "wc   
 Temperature Control by Others   
   Discharge Temperature Setpoint \_\_\_\_\_ °F   
 Time Clock Programmed (CLK-1)\*   
 Unocc Stat Setting (T-3)\* \_\_\_\_\_ °F

### Additional Comments or Notes:

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\* = Optional control, may not apply to all equipment.