

The MART Corporation
FIELD STARTUP FORM

The MART Corporation
2450 Adie Road
Maryland Heights, Mo. 63043

1-800-543- MART
1-314-567-7222
FAX 1-314-567-6551

To be completed by MART Field Service Representative or Company Authorized Individual.

Model No. _____ Serial No. _____
Customer _____ Contact _____
Address _____
State _____ ZIP _____ Ph. _____ FAX. _____

PRELIMINARY (VISUAL) INSPECTION

Inspected Power Washer for shipping or installation damage. Yes ___ No ___
Note damages if any. _____

PHYSICAL INSTALLATION

Complete this form while performing the following procedures as outlined in the MART Manual

Is machine level per MART Manual, Yes ___ No ___
Is machine properly secured to floor per Yes ___ No ___

Services and Connections

Electrical:

Washer electrical ground. Yes ___ No ___ To Where/what _____
Incoming voltage, 3 phase voltage _____ Ampacity _____
Master Disconnect Installed. Yes ___ No ___ Ampacity _____

Water makeup:

Supply pipe dia. _____ Line pressure _____ PSI, Length from next size feeder _____ ft.
Water supply turned on. Yes ___ No ___

Steam Exhaust (customer installed):

Material _____, Diameter _____, No. and type of elbows _____
Vertical length _____ ft. Horizontal length _____ ft. Is rain cap installed. Yes ___ No ___
ASE Blower unit installed _____ ft. from Power Washer. Mounted Vertical _____ Horizontal _____.
Is steam exhaust outlet above highest point of roof line, Yes ___ No ___ If no, Explain, _____

Compressed air supply (If applicable) connected to compressed air inlet port. Yes ___ No ___
Diameter of supply line _____ pressure _____, distance to next larger supply line _____ ft.

Gas supply Line (If applicable)

Type, Natural Gas _____ Propane _____ Oil _____. Diameter of supply pipe _____
Approximate distance to next larger size line or fuel tank, _____ ft.
Other devices on same main trunk _____ total BTU's _____

Gas flue pipe (customer installed):

Material _____, Diameter _____, Number and type of elbows _____
Vertical length _____ ft. Horizontal length _____ ft. Is rain cap installed. Yes ___ No ___
Is flue exhaust above highest point of roof line, Yes ___ No ___
If no, Explain, _____

STARTUP PROCEDURE

Read All Safety Instructions and Warnings in MART Manual Before Proceeding

Follow Startup Procedure as outlined in the **MART** manual under **STARTUP PROCEDURE** and record results below.

Electrical Connections Inspected, Yes ___ No ___
Lubrication procedure followed, Yes ___ No ___

Power-up Procedure:

Supply Voltage:

Phase 1 volts _____, phase 2 volts _____, phase 3 volts _____ as measured phase to phase.

Water Fill:

Did the machine fill with water to the proper level Yes ___ No ___ If no, Explain, _____

Control Voltage:

Measure and record control voltage from #10 wire on fuse #3 to any neutral terminal _____ volts.

Gas Burner Information (if machine is gas fired)

To be performed by qualified gas burner/boiler technician

Measure and record incoming gas pressure (burner unfired) _____ w.c.i.

Measure and record incoming gas pressure (burner fired) _____ w.c.i.

Measure and record manifold gas pressure (burner fired) _____ w.c.i.

Measure and record exhaust stack temperature with burner fired and water at or near desired temperature. _____ deg. F

Measure and record exhaust emissions, CO _____, Oxygen _____, Co2 _____

Test measurements taken by _____ Company _____

Temperature Control:

Does water heat system function properly, Yes _____ No _____ If no, Explain, _____

Record time required for machine to heat from ambient temperature to approx. 185-190 deg. F. _____ min.'s.

Pump/s Rotation Direction

Pump/s are running in direction indicated by arrow, Yes _____ No _____

Start pumps and record voltage and amp readings for each phase.

Booster pump, phase 1 volts _____ amps _____, phase 2 volts _____ amps _____, phase 3 volts _____ amps _____.

Main pump, phase 1 volts _____ amps _____, phase 2 volts _____ amps _____, phase 3 volts _____ amps _____.

Read and record adjustable overload setting, Booster pump _____ Amps, Main Pump _____ amps

Cycling Test (Water Hammer),

System timers adjusted properly as outlined in MART Manual so no water is ejected, Yes _____ No _____

Standard Operational Checks

With washer operating, manually depress float rod down. Do pump/s shut off per MART Manual. Yes _____ No _____.

With washer operating, does door close limit switch operate per MART Manual, Yes _____ No _____

With heat on, manually depress float rod down, does heat system operate per MART Manual. Yes _____ No _____

Immediately contact MART for further instructions if either above response is NO.

Chemical Charging of MART Washer

Follow procedure outlined in MART Manual for correct chemical charging and record information.

Chemical used _____ Manufacturer _____

Amount used _____ lbs. / gal

Titration kit available. Yes _____ No _____ Titration test performed Yes _____ No _____

Maintenance and Operator Training

Required personnel understand the operation of the MART Power Washer. Yes _____ No _____

Required personnel understand importance of daily maintenance and review procedures. Yes _____ No _____

Has a daily maintenance schedule been established. Yes _____ No _____ If no, explain _____

Are "Standard Operational Checks" included as part of the normal daily maintenance schedule. Yes _____ No _____

Have required personnel demonstrated a understanding of the system, Yes _____ No _____

Test Wash of Actual Parts

Test wash actual parts and record results.

Cleanliness, Excellent _____ Good _____ Fair _____ Poor _____. Wash cycle time _____ min.'s.

Comments: _____

Thank you for taking time to complete the above. Should you have any questions on your MART Power Washer during this test, or anytime in the future, we at the MART Corporation Technical Services Division are here to assist you in resolving any questions or problems.

To begin your MART Warranty, please sign and return to The MART Corporation.

Authorized Signature _____ Title _____ Date _____