Inspection completed by:		Ľ	Date:	
Company name:		P	hone:	
Location:				
Customer Contact:	Job c	description:		
Phone:	E-mail:			
Other Contacts:	Job d	escription:		
Phone:	E-mail:			
Is this a service call? []	Is this a courtesy visit? []	Walk in o	r referral: []	Time on
FSR / SUR:	Time on repairing:	Time on tra	aining:	_ Total time
spent on visit:		Travel time:		
MART Washer:		Serial #	Hour Meter	Reading:

Inspection on washer Components

Result

Safety:

Is the door limit switch functioning?	
Are the front reservoir lids in place?	
Is the control panel closed & secured?	
All wiring is secured in conduit?	
Is the door latch in good condition to securely hold the door closed?	
Does the door position lock hold the turntable steady for loading/unloading in an open position?	
Are the pump coupling guards in place?	
Are the internal reservoir covers secured in place?	
Is an electrical ground wire secured and clearly visible?	

Cabinet Condition:

Is cabinet mechanically anchored to the floor properly?	
Is the inside of the steel cabinet clean & not rusted?	
Are the door bearings in good condition?	
Is Titration being used to control the chemical concentration?	
Record the Chemical in use?	
Is there scheduled maintenance performed on a daily basis?	
Is the cabinet level, so door does not swing open or closed?	

Automatic Steam Exhaust (ASE):

What type of material is used for the exhaust pipe? [] PVC [] Steel [] Other	
Is blower motor shaft parallel to the ground?	
Does the ASE run straight up and out of roof line with a natural draft?	
Is blower motor working?	
Is there a rain cap on the roof?	
Is venturi mounted the minimum distance required from the washer?	
Is Venturi mounted in the horizontal run? [] Vertical run? []	
While running a wash cycle does the ASE keep steam inside of the machine as expected?	

Power Blast Manifold (PBM):

Is PBM oscillating?	
Is the bearing in good condition?	
Is the motor securely mounted to the mounting plate?	
Is PBM crank arm the double bolt style?	
Is PBM linkage in good condition and not worn?	
Is the PBM motor working?	

PBM Swivel :

[] st	raight [] 9	90 deg.	[]1"	[]1-1/2"	[]2"	[]2-1/2"	[]3"
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Inspection on washer Components	Inspection	on washer	Components
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Result

What type of swivel is used? []OPW []TM	
Is the PBM rotary union free to swivel?	
Does PBM swivel have remote grease fitting?	
Is the PBM swivel seal in good condition and not leaking?	
Is the customer greasing the swivel every 8 hours of service?	

Wash Nozzles :

Record nozzle size and spray angle (GPM deg)	
Number of nozzles on PBM manifold. []13 []16 []20 []24 []32 []48 [] Other- Record #:	
Are the correct number and size of nozzles in the PBM?	
Are the nozzles in good condition and NOT worn or broken?	
Do the nozzles appear to be clean and NOT clogged?	
Are the nozzles aligned properly?	

Pump Suction Screen :

Turntable Bearings :

Are turntable bearings in good condition?	
Is Lubriplate 1444 being used to grease the bearings?	
Is the customer greasing the bearings every 8 hours of service?	
Is this washer equipped with hub style bearing?	
Does machine have remote grease lines?	

Turntable Drive System :

Is AW2 Grease being used to grease bearings?	
Are turntable bearings in good condition?	
Does turntable drive slip clutch function?	
Is the sprocket in good condition?	
Is the machine tire drive tension adjusted properly?	
Is the tire in good condition?	

Wash Pumps :

Is the pump running?	
Does the pump turn by hand?	
Is the pump running smoothly and not vibrating?	
Do the bearings show NO evidence of excess grease?	
Is the proper greased used to lubricate the pump bearings?	
Are motor couplings in good condition?	
Determine overall condition of pump: []Replace []Rebuild []Good	
Main Pump serial # size:[]3x2x10 [] 10 [] 20 []30 [] 40 [] 50 []55 []70	
Incoming Voltage Running =	
Main Amp Draw– L1= L2= L3=	
Booster/suction pump serial # Type: [] 4x5x11 [] 15 []20	
Booster/suction Amp Draw– L1= L2= L3=	

Heating System :

Does the temperature control turn the heat on and off?



		Inspectio	on on washer Compo	onents		Result
Is the thermocouple in	place and w	orking?				
Is the thermometer w	orking?					
Specify heating type:	[] Nat Gas	[] Propane	[] ElectrickW	[] Steam h	eat	
Number of electrical h	eating eleme	nts?	_			
Element #1 amp - L1_	L2	L3	Element #2 amp - L	1 L2	L3	
Element #3 amp - L1_	L2	L3	Element #4 amp - L	1L2	L3	
If natural gas is plant l	neat source,	does plant ha	ve negative pressure affect	ting the firing of the	gas burner?	
Record Gas Burner br	and & Size:		BTU/HR:			

Float System :

Type of float system? [] SS Single Ball [] Two Mini Float Balls [] One Mini & One Plastic Float Ball	
Is the float system a stainless steel single ball type.	
Is the float ball and rod clean?	
Is the Auto Water Fill connected?	
Does raising and lower the float turn the water fill on and off? Is the water fill solenoid working?	
Is there an in-line Water strainer?	
Is the water level set at an acceptable point?	

Rinse System:

Is the solenoid in good working condition?	
Manifold is steel and shows no signs of rusting.	
Are all the nozzles clean?	
Are nozzles oriented properly?	
Are nozzles in good condition?	
Heat Exchanger is steel and shows no signs of rust.	
Machine has a line pressure rinse and not a pump rinse system.	
If machine has an injector pump, is rust inhibitor being used?	
Iron and steel parts are clean and show no signs of flash rust after a wash cycle.	

Oil Skimmer:

Are blades wiping wheel well?	
Oil skimmer blades are in good condition and show little wear.	
Is the wheel SS?	
Is the skimmer motor turning the skimmer?	
The oil skimmer trough is clean and does not build up grease and oil.	
The skimmer wheel is straight, true and is not warped.	
Is the user operating the skimmer at the proper time of day?	

Automatic pressure equalization (APE):

Is the APE system working	properly?			
Air pressure applied?	psi	Air pressure required for washer?	psi	
Is air solenoid working?				

General:

Does the 7 day clock run the oil skimmer? Image: standard stress of the stress of		
s a daily maintenance schedule posted? Image: sthe sludge level less than 4" deep? s the sludge level less than 4" deep? Image: sthe 7-day Clock a digital programmable type? Are operators properly trained on daily maintenance? Image: sthe strength of the strengt of the strengeh of the strength of the strength of the	Does the 7 day clock work?	
s the sludge level less than 4" deep?	Does the 7 day clock run the oil skimmer?	
s the 7-day Clock a digital programmable type? Are operators properly trained on daily maintenance? Does customer have a transfer pump?	Is a daily maintenance schedule posted?	
Are operators properly trained on daily maintenance? Does customer have a transfer pump?	Is the sludge level less than 4" deep?	
Does customer have a transfer pump?	Is the 7-day Clock a digital programmable type?	
	Are operators properly trained on daily maintenance?	
Reviewed training video with customer?	Does customer have a transfer pump?	
	Reviewed training video with customer?	



Inspection on washer Components

EQ-1 or Clean Machine:

Result

Check if the customer has one of these machines. [] Clean Machine [] EQ-1	
Have they been trained how to use it properly?	
A clean machine or an EQ-1 is NOT appropriate for this application.	

Options:

Does the customer have any spare parts on hand? Fuses Nozzles Grease Electric components

Sludge Scraper:

Does Machine have a scraper? If NO record and skip to next section.	
Is the scraper working?	
The scraper bars are in good condition and do not show signs of excessive wear?	
Is the wiper working?	

Jib Crane:

Does machine have a Jib Crane? If NO record and skip to next section.	
Is the Jib crane properly anchored to the floor?	
Is the jib crane wheel in good condition?	
Is the Jib Crane properly installed?	
Is the beam marked with the load capacity?	
Is the hoist properly sized for the jib capacity?	

Hot air Blow-Off (HABO):

Does machine have a Blow-off system? If NO record and skip to next section.	
Does the HABO blower run?	
Does the HABO heater work?	

RECOMMENDATIONS

Following are Recommendations for your MART Parts Washer based on our Field Inspection. Our Field Service Tech performed a complete visual inspection of the Parts Washer and completed the Field Service Report. He took and recorded measurements of all key operating parameters including voltage and amp readings of the main pump. All key washer functions were tested and their operations verified. Note: Many of the recommendations are hyperlinked to our SUPPORT website for additional information.

SUPPORT Website: www.marttechservices.com



 Inspection on washer Components
 Result

